BELLSOUTH OPPOSITION

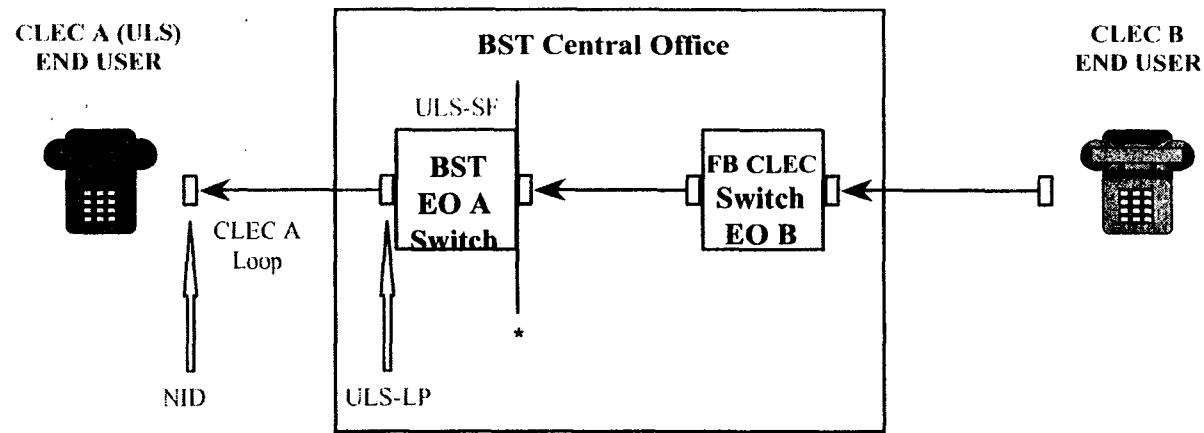## WC DOCKET NO. 02-238

EXHIBIT B

PART 6 OF 13

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
55. Multi-Network LOCAL CALLING
Intraoffice/Interswitch FB CLEC Switch Co-located in BST CO

CLEC A (ULS)
END USER

BST Central Office

CLEC B
END USER

ULS-SF

BST
EO A
Switch

FB CLEC
Switch
EO B

CLEC A
Loop

NID

ULS-LP

*

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 119, 720 made at End Office A.

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- ULS-SF (unbundled local switching - terminating)

CLEC A bills CLEC B
-- Local Interconnection / charges per agreement (recovers cost for ULS-SF)
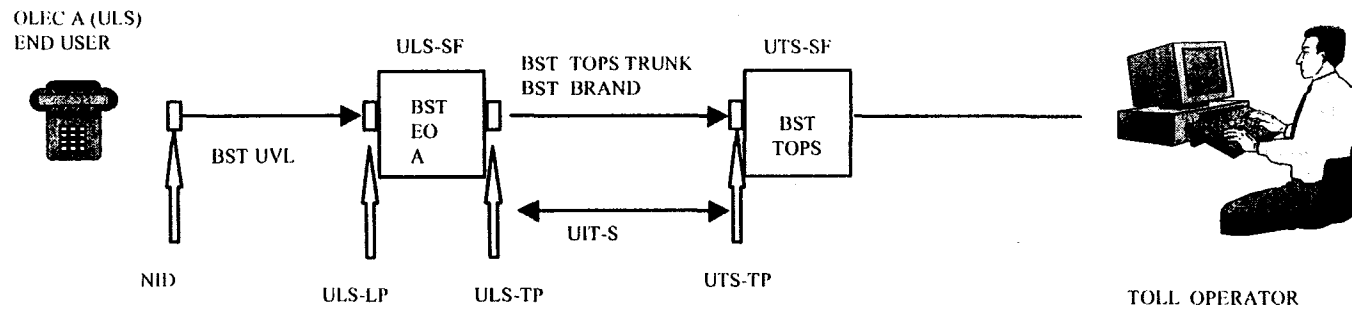
Billing Factors
-- NA

Record Exchange
BellSouth sends CLEC A
ADUF Terminating 11-01-01

* indicates demarcation between UNE Network and other Networks

7/15/02

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O1. OPERATOR CALL PROCESSING - NO ATTEMPT -
BST BRAND OR UNBRANDED
ZERO MINUS

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 196 made at the TOPS
   (no attempts) (use elapsed time)
-- Call Code 189(non-billable)
-- Call Code 192 (DA charges/credits)

   Query Operator only -
   Call is NOT outpulsed
   Operator Call Handling
      NOT subsequent to DA

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching -
   originating, summarized at originating EO A)
-- 1 ULS-TPs (end office trunk port)
-- UIT-S (unbundled transport-shared, fixed and
   per mile, mileage calculated from BST EO to TOPS)
-- 1 UTS-TP (tandem trunk port - full)
-- 1 UTS-SF (unbundled tandem switching - full)
-- Per call/minute operator charges per CLEC contract
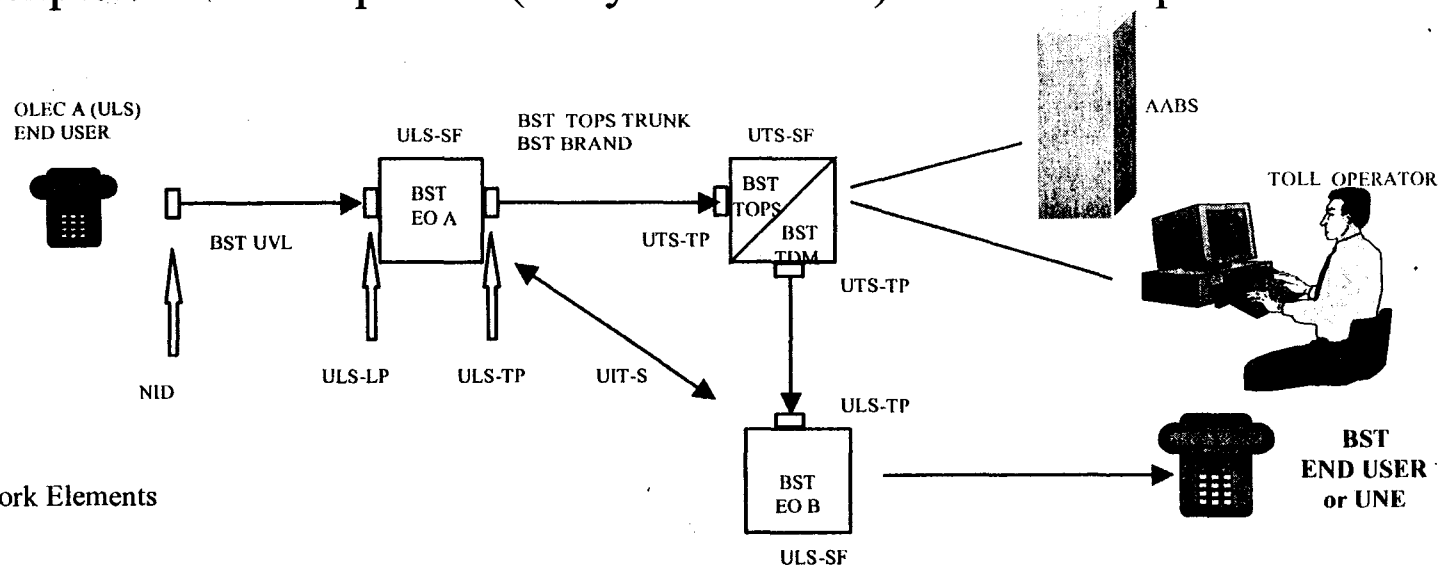-- DA charges/credits (CC 192)

Billing Factors
-- NA

Record Exchange
BellSouth sends CLEC A
ODUF 10-01-01

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O2. OPERATOR CALL PROCESSING - BST BRAND OR UNBRANDED ZERO MINUS or ZERO PLUS
Incomplete Call Completion (Busy/No Answer) or Call Completion

OLEC A (ULS)
END USER

ULS-SF

BST TOPS TRUNK
BST BRAND

UTS-SF

AABS

TOLL OPERATOR

BST
EO A

BST
TOP$

UTS-TP

BST
TDM

BST UVL

UTS-TP

ULS-LP   ULS-TP   UIT-S

ULS-TP

NID

BST
EO B

BST
END USER
or UNE

ULS-SF

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 192 made at the TOPS
TOPS functions like tandem, but no
tandem indicator in call detail
(use elapsed time)
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits)

CLEC end user dials 0 - BST Operator dials
terminating number and handles billing or
CLEC end user dials 0+ terminating number
Operator Call Handling NOT subsequent to DA
Operator Call Handling - Incomplete Call Completion
or call completed

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 2 ULS-SFs (unbundled switching -
originating and terminating, summarized
at originating EO A)
-- 2 ULS-TPs (end office trunk ports)
-- UIT-S (unbundled transport-shared, fixed and
per mile, mileage calculated from BST EO A to BST EO B)
-- 2 UTS-TP (unbundled full tandem trunk ports)
-- UTS-SF (unbundled full tandem switching)
-- Per call/minute operator charges per CLEC contract
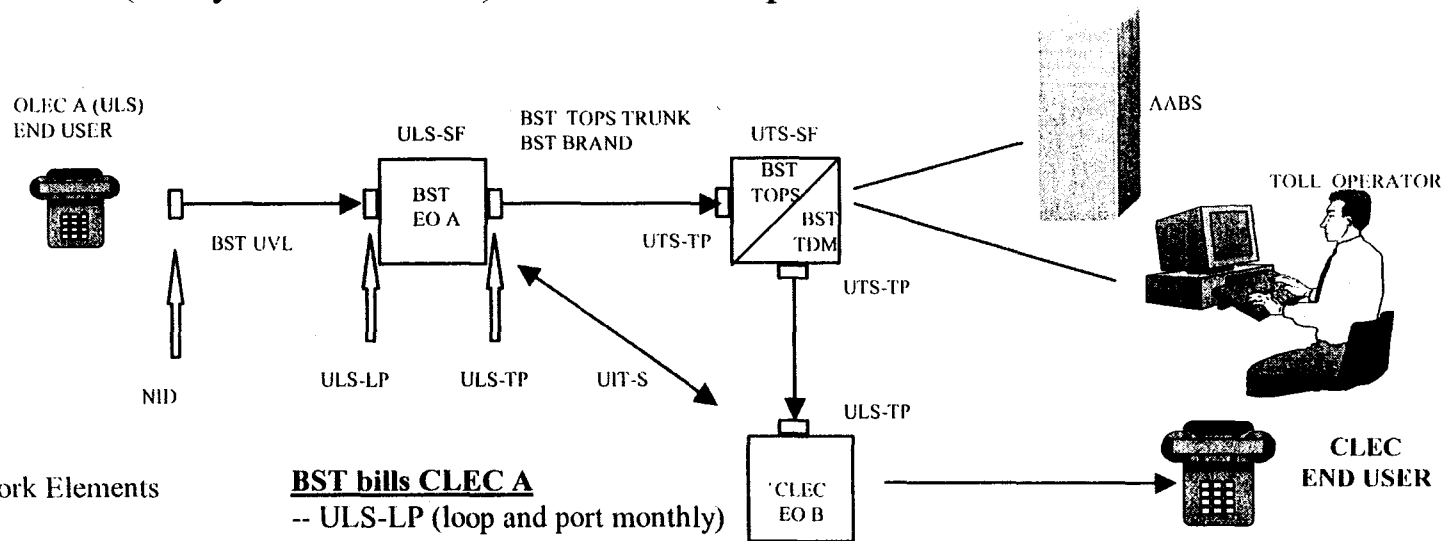-- DA charges/credits (CC 192)

Billing Factors
-- NA

Record Exchange
BellSouth sends CLEC A
ODUF 10-01-31 or 10-01-01
(indicator 18 set to 2)

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
02A. OPERATOR CALL PROCESSING - BST BRAND or UNBRANDED ZERO MINUS or ZERO PLUS LOCAL , Incomplete Call Completion (Busy/No Answer) or Call Completion to CLEC

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 192 made at the TOPS
   TOPS functions like tandem, but no
   tandem indicator in call detail
   (use elapsed time)
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits)

CLEC end user dials 0 - BST Operator dials
terminating number and handles billing or
CLEC end user dials 0+ terminating number
Operator Call Handling NOT subsequent to DA
Operator Call Handling - Incomplete Call Completion
   or call completed

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 2 ULS-SFs (unbundled switching -
   originating and terminating, summarized
   at originating EO A)
-- 2 ULS-TPs (end office trunk ports)
-- UIT-S (unbundled transport-shared, fixed and
   per mile, mileage calculated from BST EO A to CLEC EO B)
-- 2 UTS-TP (unbundled full tandem trunk ports)
-- UTS-SF (unbundled full tandem switching)
(Note: only bill 1 UTS-SF even though sometimes switching
in TOPS and in TDM occur)
-- Per call/minute operator charges per CLEC contract
-- DA charges/credits (CC 192)
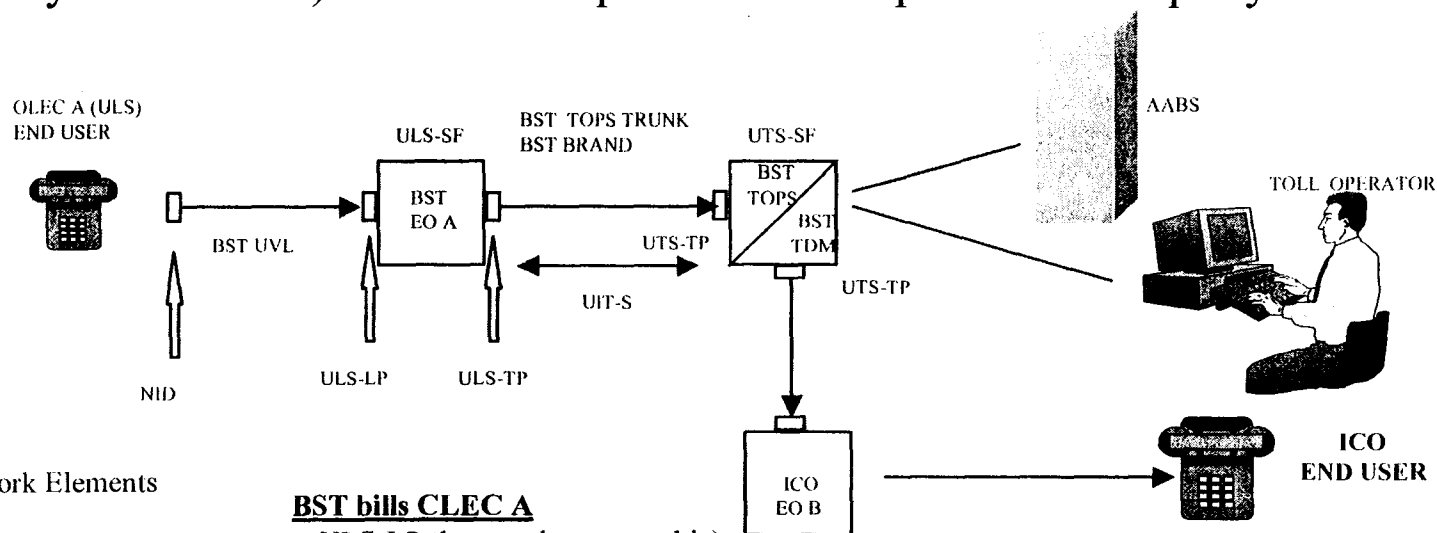**FB CLEC may bill BST**
Reciprocal Compensation

Billing Factors
-- NA
Record Exchange
BellSouth sends CLEC A
ODUF 10-01-31 or 10-01-01
(indicator 18 set to 2)

7/15/02

245 o.

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O2B. OPERATOR CALL PROCESSING - BST BRAND or UNBRANDED ZERO MINUS or ZERO PLUS LOCAL, Incomplete Call Completion (Busy/No Answer) or Call Completion to Independent Company

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 192 made at the TOPS
   TOPS functions like tandem, but no
   tandem indicator in call detail
   (use elapsed time)
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits)

CLEC end user dials 0 - BST Operator dials
terminating number and handles billing or
CLEC end user dials 0+ terminating number
Operator Call Handling NOT subsequent to DA
Operator Call Handling - Incomplete Call Completion
   or call completed

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching - originating,
   summarized at originating EO A)
-- 1 ULS-TPs (end office trunk ports)
-- UIT-S (unbundled transport-shared, fixed and
   per mile, mileage calculated from BST EO A to TOPS)
-- 2 UTS-TP (unbundled full tandem trunk ports)
-- UTS-SF (unbundled full tandem switching)
-- Per call/minute operator charges per CLEC contract
-- DA charges/credits (CC 192)

BST/ICO
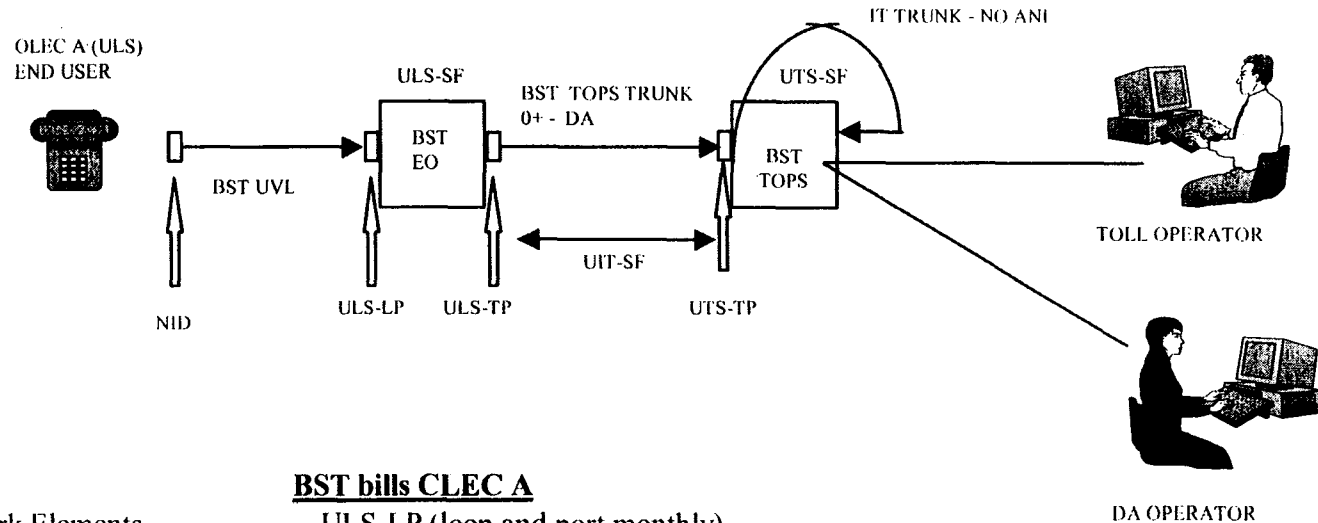Local is bill & keep (no settlement)

Billing Factors
-- NA
Record Exchange
BellSouth sends CLEC A
ODUF 10-01-31 or 10-01-01
(indicator 18 set to 2)

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O3. ZERO PLUS - OPERATOR CALL PROCESSING-
BST BRAND OR UNBRANDED
0+ DIRECTORY ASSISTANCE

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 192 made at the TOPS
   (module 052) (use elapsed time)
-- Call Code 195 made at TOPS is discarded
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits)

BST and OLECs on trunk group
End user dials: East: 0+411
                   West : 0+411
                   0+ Home NPA 555

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching -
   originating, summarized at originating EO)
-- 1 ULS-TPs (end office trunk ports)
-- UIT-S (unbundled transport-shared, fixed and
   per mile, mileage calculated from BST EO to TOPS
-- 1 UTS-TP (unbundled full tandem trunk port)
-- 1 UTS-SF (unbundled tandem switching - full)
-- Per call/minute operator charges per CLEC contract
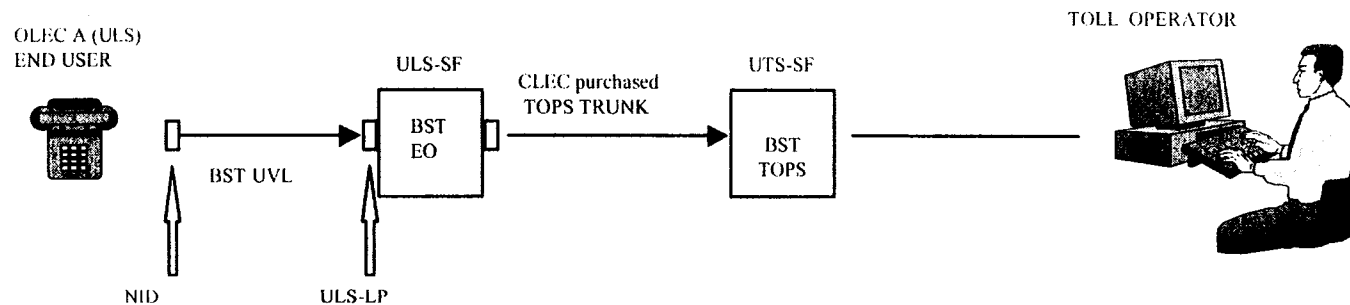-- DA charges/credits (CC 192)

Billing Factors
-- NA
Record Exchange
BellSouth sends CLEC A
ODUF 10-01-32

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24,   ,93

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O4. OPERATOR CALL PROCESSING -NO ATTEMPT
CLEC BRAND - LINE CLASS CODE METHOD

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 196 made at the TOPS
  (use elapsed time)

ZERO MINUS
NO ATTEMPT
ANI
Query Operator only
Operator Call Handling NOT subsequent to DA

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching -
  originating, summarized at originating EO)
-- 1 UTS-SF (unbundled tandem switching - full)

Billing Factors
-- NA

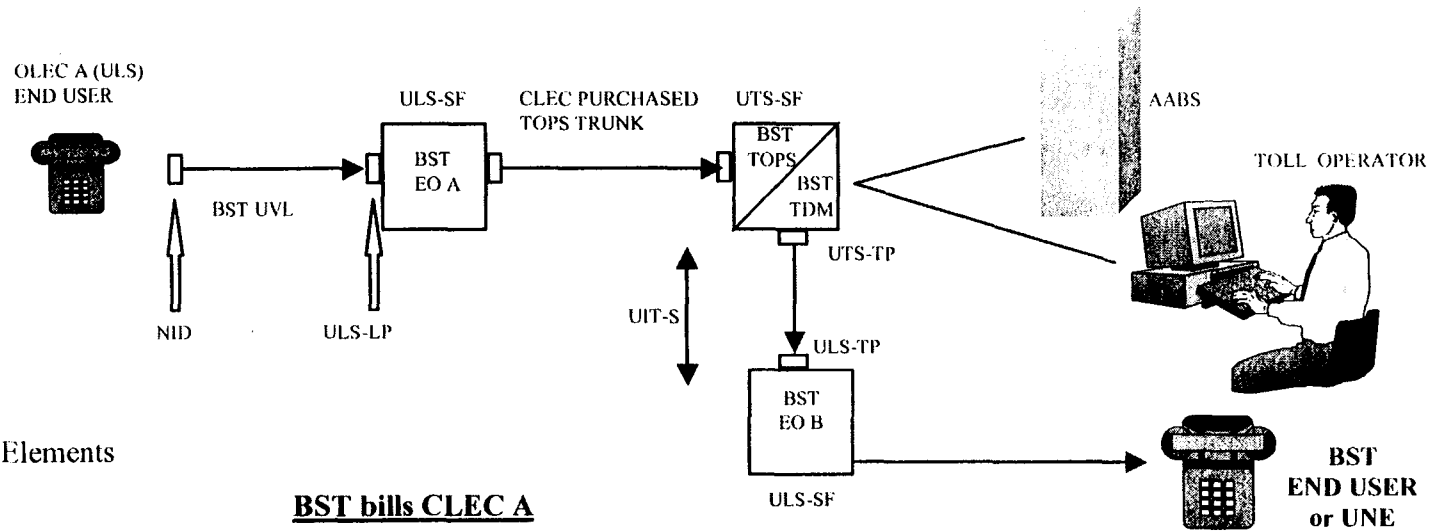**Record Exchange**
BellSouth sends CLEC A
ODUF 10-01-01

CLEC orders Customized Routing /LCCs

7/15/02

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O6. OPERATOR CALL PROCESSING - CLEC BRAND
ZERO MINUS or ZERO PLUS - LINE CLASS CODE METHOD
Incomplete Call Completion (Busy/No Answer) or Call Completed

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 192 made at TOPS
Assumes line class code method
TOPS functions like a tandem
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits)

CLEC End User dials 0- BST Operator dials
terminating number and handles billing or
CLEC End user dials 0+ terminating number
Operator Call Handling NOT subsequent to DA
Operator Call Handling - Incomplete Call Completion
Call is NOT answered or Call is answered.

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 2 ULS-SFs (unbundled switching -
   originating and terminating, summarized at
   originating EO)
-- 1 ULS-TPs (end office trunk ports)
-- UIT-S (unbundled transport, fixed and per mile
   with mileage from TOPS to EO B)
-- 1 UTS-TP (full tandem trunk ports)
-- 1 UTS-SF (unbundled full tandem switching)
-- DA charges/credits (CC 192)
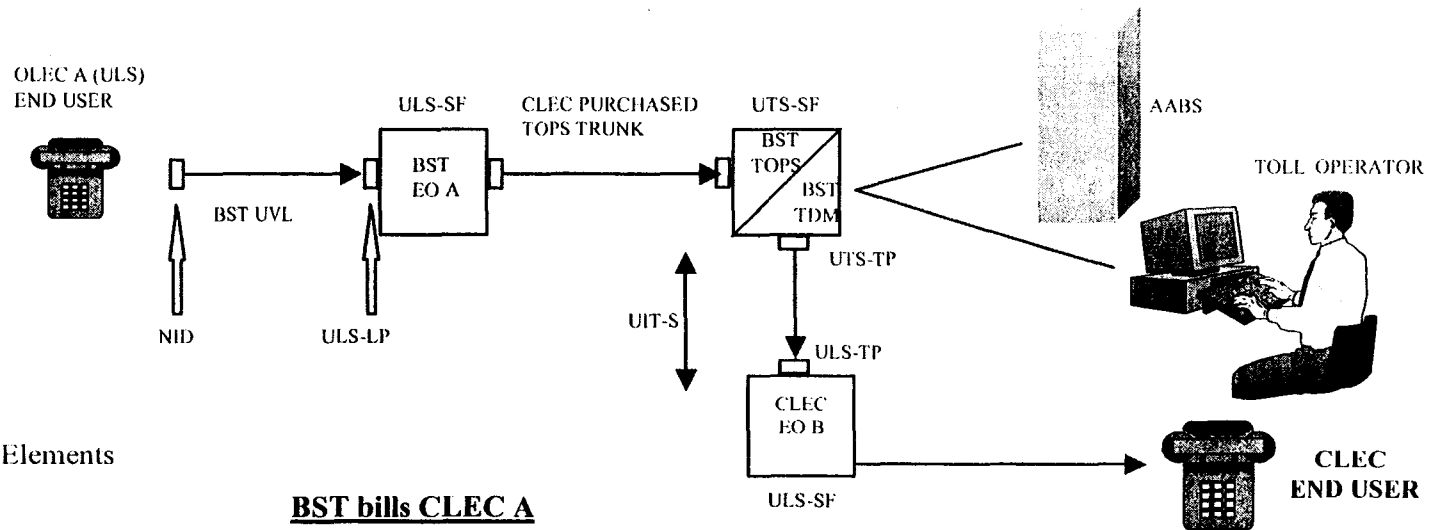
Billing Factors
-- NA
Record Exchange
BellSouth sends CLEC A
ODUF 10-01-31 or 10-01-01
(indicator 18 set to 2)

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O6A. OPERATOR CALL PROCESSING - CLEC BRAND
ZERO MINUS or ZERO PLUS LOCAL- LINE CLASS CODE METHOD
Incomplete Call Completion (Busy/No Answer) or Call Completed to CLEC

OLEC A (ULS)
END USER

ULS-SF   CLEC PURCHASED   UTS-SF
          TOPS TRUNK

AABS

TOLL OPERATOR

BST
EO A

BST UVL

BST
TOPS
BST
TDM

UTS-TP

NID   ULS-LP

UIT-S

ULS-TP

CLEC
EO B

ULS-SF

CLEC
END USER

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 192 made at TOPS
Assumes line class code method
TOPS functions like a tandem
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits)

CLEC End User dials 0- BST Operator dials
terminating number and handles billing or
CLEC End user dials 0+ terminating number
Operator Call Handling NOT subsequent to DA
Operator Call Handling - Incomplete Call Completion
Call is NOT answered or Call is answered.

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 2 ULS-SFs (unbundled switching -
   originating and terminating, summarized at
   originating EO)
-- 1 ULS-TPs (end office trunk ports)
-- UIT-S (unbundled transport, fixed and per mile
   with mileage from TOPS to EO B)
-- 1 UTS-TP (full tandem trunk ports)
-- 1 UTS-SF (full tandem switching)
-- DA charges/credits (CC 192)

FB CLEC may bill BST
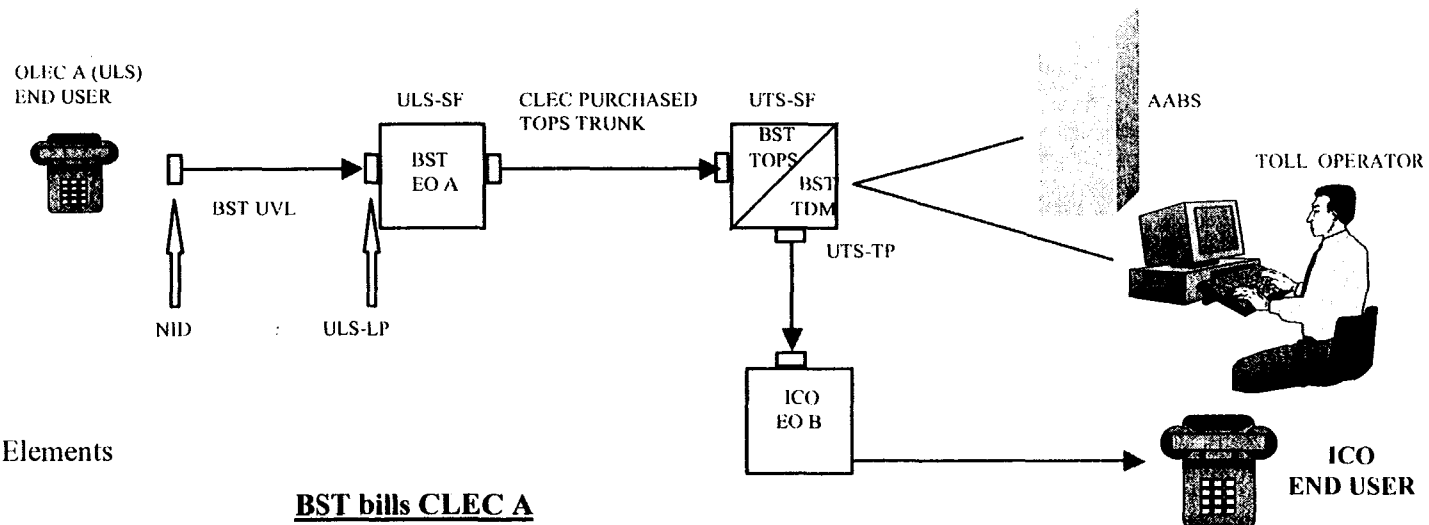Reciprocal Compensation per agreement

Billing Factors
-- NA
Record Exchange
BellSouth sends CLEC A
ODUF 10-01-31 or 10-01-01
(indicator 18 set to 2)

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O6B. OPERATOR CALL PROCESSING - CLEC BRAND
ZERO MINUS or ZERO PLUS LOCAL - LINE CLASS CODE METHOD
Incomplete Call Completion (Busy/No Answer) or Call Completed to ICO

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 192 made at TOPS
Assumes line class code method
TOPS functions like a tandem
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits)

CLEC End User dials 0- BST Operator dials
terminating number and handles billing or
CLEC End user dials 0+ terminating number
Operator Call Handling NOT subsequent to DA
Operator Call Handling - Incomplete Call Completion
Call is NOT answered or Call is answered.

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching -
   originating, summarized at originating EO A)
-- 1 UTS-TP (full tandem trunk port)
-- 1 UTS-SF (full tandem switching)
-- DA charges/credits (CC 192)

BST/ICO
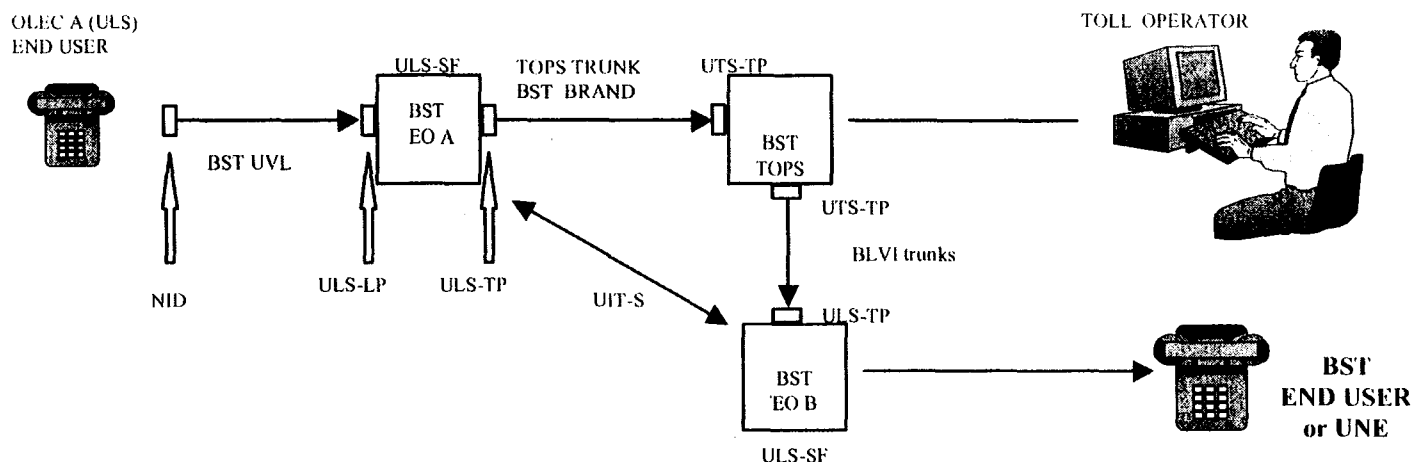Local is bill & keep (no settlement)

Billing Factors
-- NA
Record Exchange
BellSouth sends CLEC A
ODUF 10-01-31 or 10-01-01
(indicator 18 set to 2)

7/15/02

251 oi

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O8. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT
BST BRAND or UNBRANDED

OLEC A (ULS)
END USER

TOLL OPERATOR

ULS-SF   TOPS TRUNK   UTS-TP
           BST BRAND

BST
EO A

BST UVL

BST
TOPS

UTS-TP

BLVI trunks

NID   ULS-LP   ULS-TP   UIT-S   ULS-TP

BST
EO B

BST
END USER
or UNE

ULS-SF

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 198 made at the TOPS
TOPs functions like a tandem
Use elapsed time

Operator Call Handling NOT subsequent to DA

BST bills CLEC A
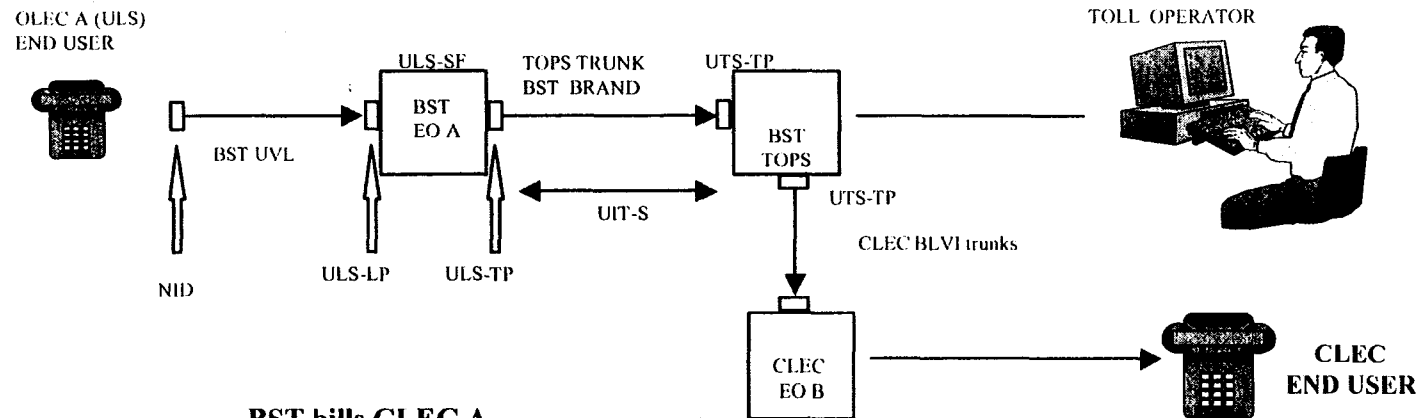-- ULS-LP (loop and port monthly)
-- 2 ULS-SFs (unbundled switching -
   originating and terminating, summarized
   at originating EO A)
-- 2 ULS-TPs (end office trunk ports)
-- UIT-S (unbundled transport-shared, fixed and
   per mile, mileage calculated from BST EO A to EO B)
-- 2 UTS-TP (full tandem trunk ports)
-- UTS-SF (unbundled full tandem switching)
Per message charge

Billing Factors
-- NA
Record Exchange
BellSouth sends CLEC A
ODUF 10-01-35 (verify only)
ODUF 10-01-37 (verify/Interrupt)

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O8A. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT
to CLEC - BST BRAND or UNBRANDED

OLEC A (ULS)
END USER

TOLL OPERATOR

ULS-SF   TOPS TRUNK   UTS-TP
              BST BRAND

BST
EO A

BST UVL   BST
                                               TOPS

                                UIT-S   UTS-TP

                                                  CLEC BLVI trunks

                ULS-LP   ULS-TP

NID

CLEC
EO B

CLEC
END USER

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching -
summarized at originating EO A)
-- 1 ULS-TPs (end office trunk port)
-- UIT-S (unbundled transport-shared, fixed and
per mile, mileage calculated from BST EO A to TOPS)
-- 1 UTS-TP (full tandem trunk port)
-- UTS-SF (unbundled full tandem switching)
Per message charge

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 198 made at the TOPS
TOPs functions like a tandem
Use elapsed time

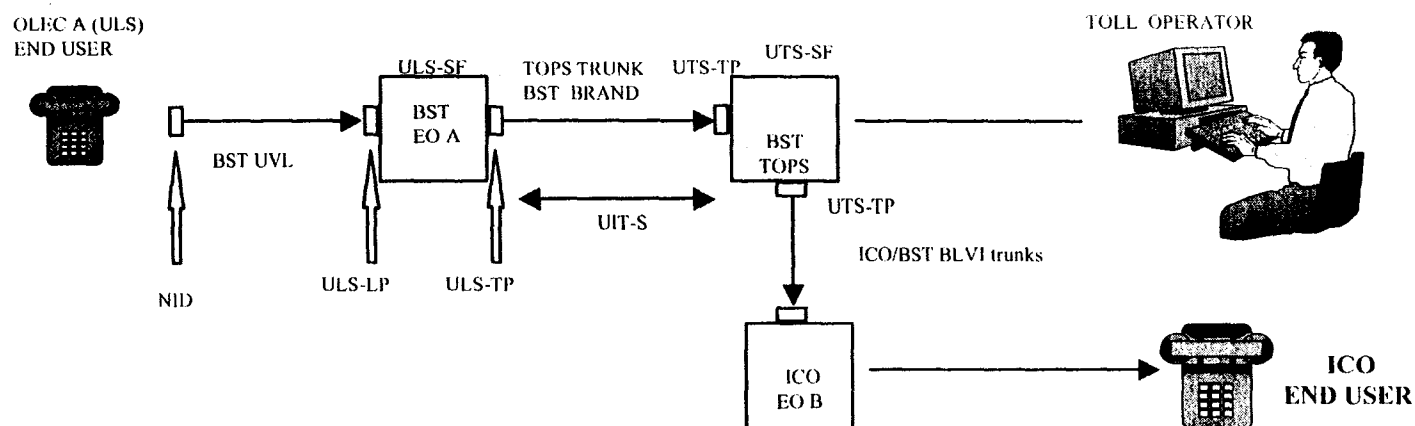Operator Call Handling NOT subsequent to DA

Billing Factors
-- NA
Record Exchange
BellSouth sends CLEC A
ODUF 10-01-35 (verify only)
ODUF 10-01-37 (verify/Interrupt)

FB CLEC may bill BST
No Reciprocal Compensation is billed since CLEC B does
not make a recording

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O8B. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT
to ICO - BST BRAND or UNBRANDED

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 198 made at the TOPS
TOPs functions like a tandem
Use elapsed time

Operator Call Handling NOT subsequent to DA

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching - originating,
summarized at originating EO A)
-- 1 ULS-TPs (end office trunk ports)
-- UIT-S (unbundled transport-shared, fixed and
   per mile, mileage calculated from BST EO A to TOPS)
-- 2 UTS-TP (full tandem trunk ports)
-- UTS-SF (unbundled full tandem switching)
Per message charge

BST/ICO
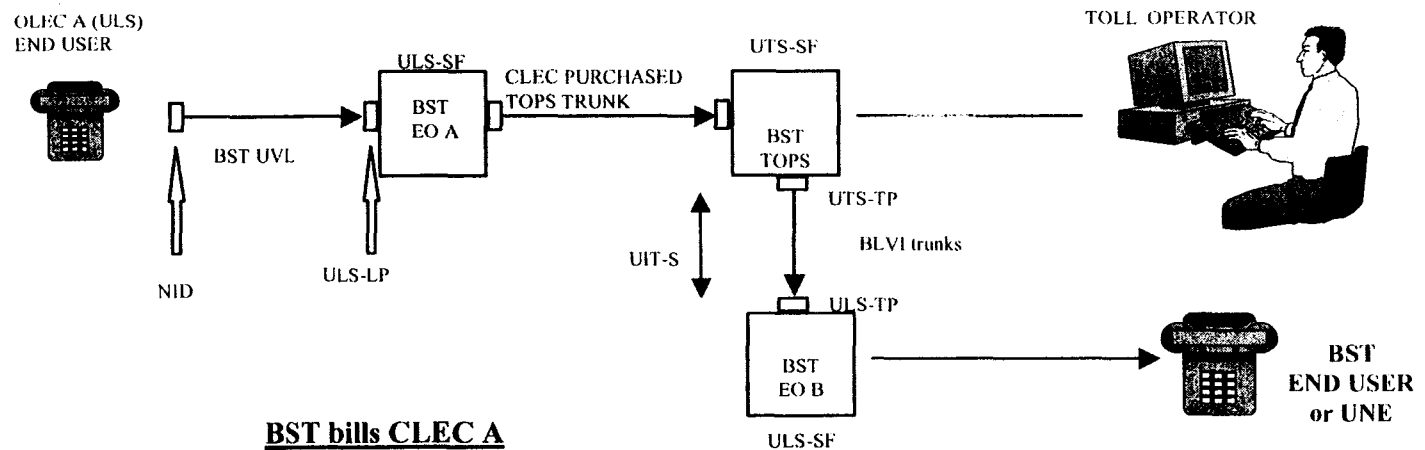Local is bill & keep (no settlement)

Billing Factors
-- NA
Record Exchange
BellSouth sends CLEC A
ODUF 10-01-35 (verify only)
ODUF 10-01-37 (verify/Interrupt)

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
09. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT
CLEC BRANDED

OLEC A (ULS)
END USER

TOLL OPERATOR

ULS-SF

UTS-SF

CLEC PURCHASED
TOPS TRUNK

BST
EO A

BST
TOPS

BST UVL

UTS-TP

BLVI trunks

UIT-S

ULS-LP

ULS-TP

NID

BST
EO B

BST
END USER
or UNE

ULS-SF

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 2 ULS-SFs (unbundled switching -
  originating and terminating, summarized
  at originating EO A)
-- 1 ULS-TPs (end office trunk ports)
-- UIT-S (unbundled transport-shared, fixed and
  per mile, mileage calculated from BST TOPS to EO B)
-- 1 UTS-TP (full tandem trunk ports)
-- UTS-SF (unbundled full tandem switching)
Per message charge

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 198 made at the TOPS
TOPs functions like a tandem
Use elapsed time

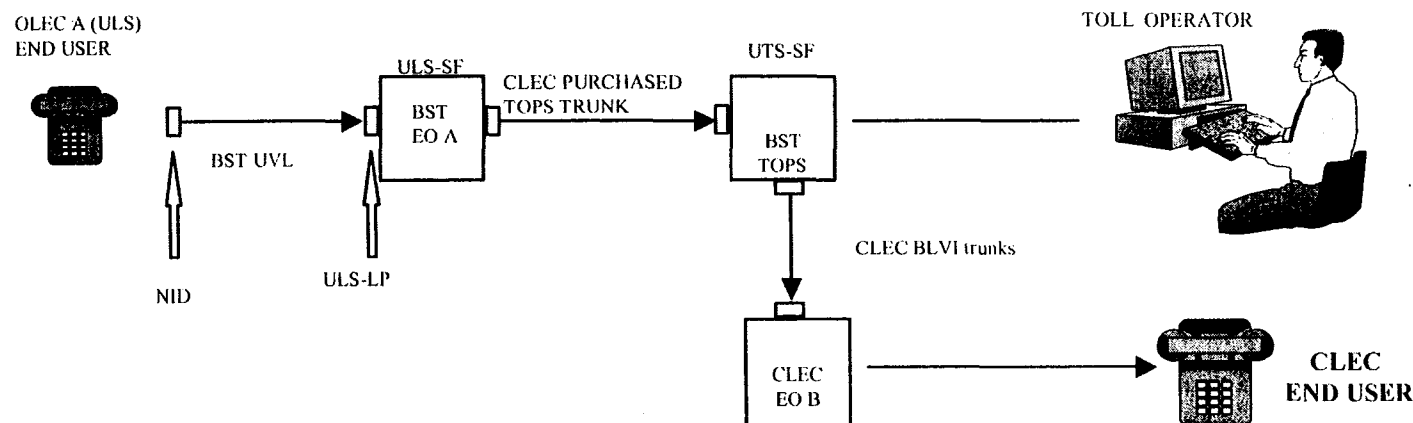Operator Call Handling NOT subsequent to DA

Billing Factors
-- NA
Record Exchange
BellSouth sends CLEC A
ODUF 10-01-35 (verify only)
ODUF 10-01-37 (verify/Interrupt)

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O9A. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT
to CLEC - CLEC BRANDED

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 198 made at the TOPS
TOPs functions like a tandem
Use elapsed time

Operator Call Handling NOT subsequent to DA

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching -
   originating, summarized at originating EO A)
-- UTS-SF (unbundled full tandem switching)
Per message charge

FB CLEC may bill BST
No Reciprocal Compensation is billed since CLEC B
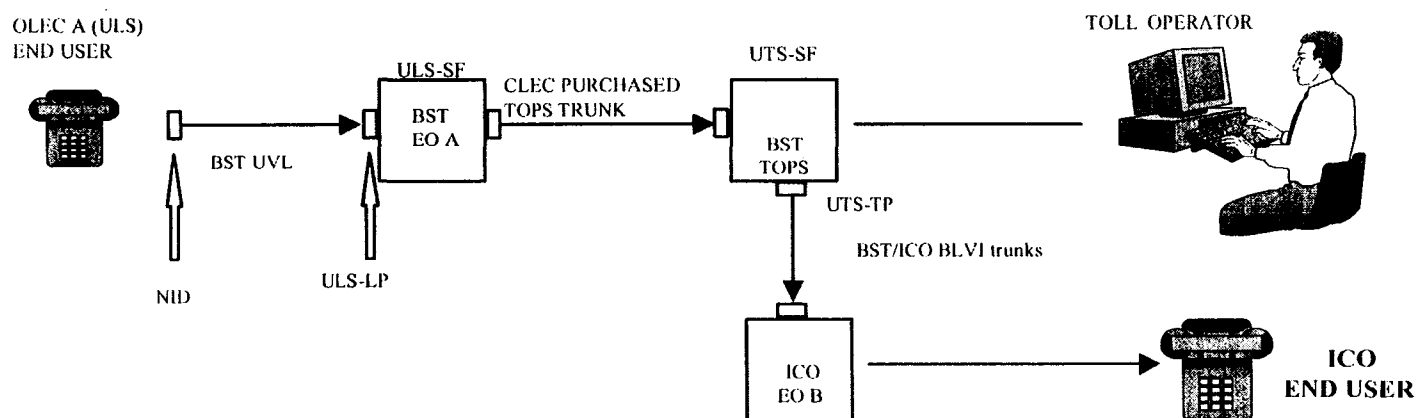does not make a recording

Billing Factors
-- NA
Record Exchange
BellSouth sends CLEC A
ODUF 10-01-35 (verify only)
ODUF 10-01-37 (verify/Interrupt)

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O9B. OPERATOR CALL PROCESSING - BUSY LINE VERIFY & INTERRUPT to ICO - CLEC BRANDED

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 198 made at the TOPS
TOPs functions like a tandem
Use elapsed time

Operator Call Handling NOT subsequent to DA

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching -
   originating, summarized at originating EO A)

-- 1 UTS-TP (full tandem trunk ports)
-- UTS-SF (unbundled full tandem switching)
Per message charge

BST/ICO
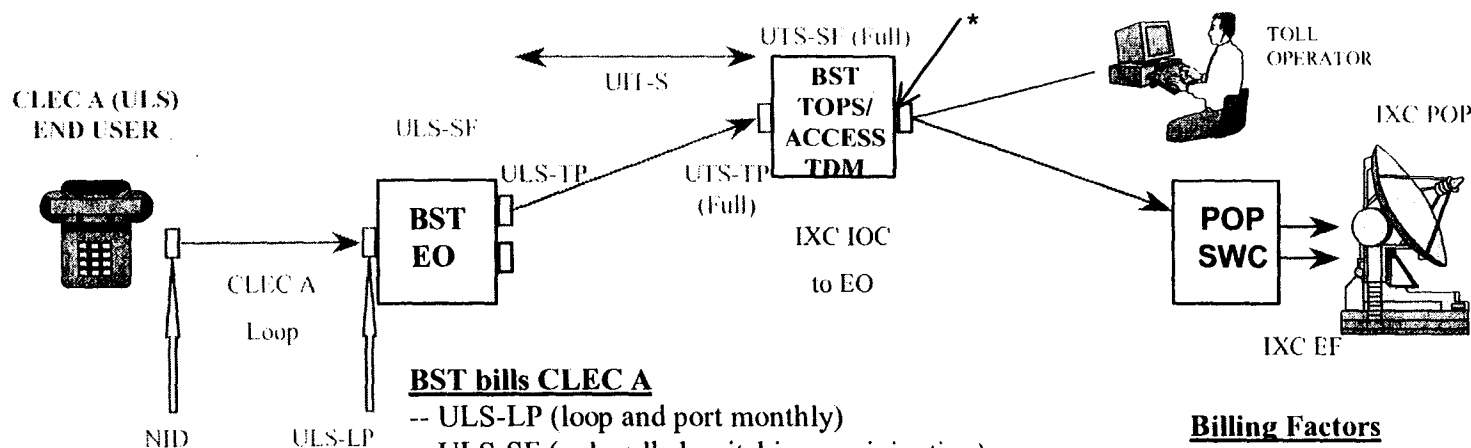Local is bill & keep (no settlement)

Billing Factors
-- NA
Record Exchange
BellSouth sends CLEC A
ODUF 10-01-35 (verify only)
ODUF 10-01-37 (verify/Interrupt)

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O9C. OPERATOR TRANSFER SERVICE

Billing Concept
-- Access Reform
-- Unbundled Network Elements

Usage Recordings
-- Call Code 190

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- ULS-SF (unbundled switching - originating)
   Charges below apply if IXC tandem routed
-- ULS-TP (end office trunk ports)
-- UIT-S (unbundled transport - shared, mileage from BST
   EO and BST AT, fixed and per mile)
-- UTS-TP (unbundled full rate tandem trunk ports)
-- UTS-SF (unbundled full rate tandem switching)

CLEC A bills IXC
-- Originating Access as agreed upon between CLEC A &
IXC

BST bills IXC
-- Dedicated Switched Local Channel (Entrance Facility)
-- Dedicated Switched Transport (between POP SWC and
   Access Tandem)
-- Operator Transfer Charge

Billing Factors
-- IXC will provide PIUs to BST
   and CLEC A

Record Exchange
-- BST will send originating
   access records via ADUF to
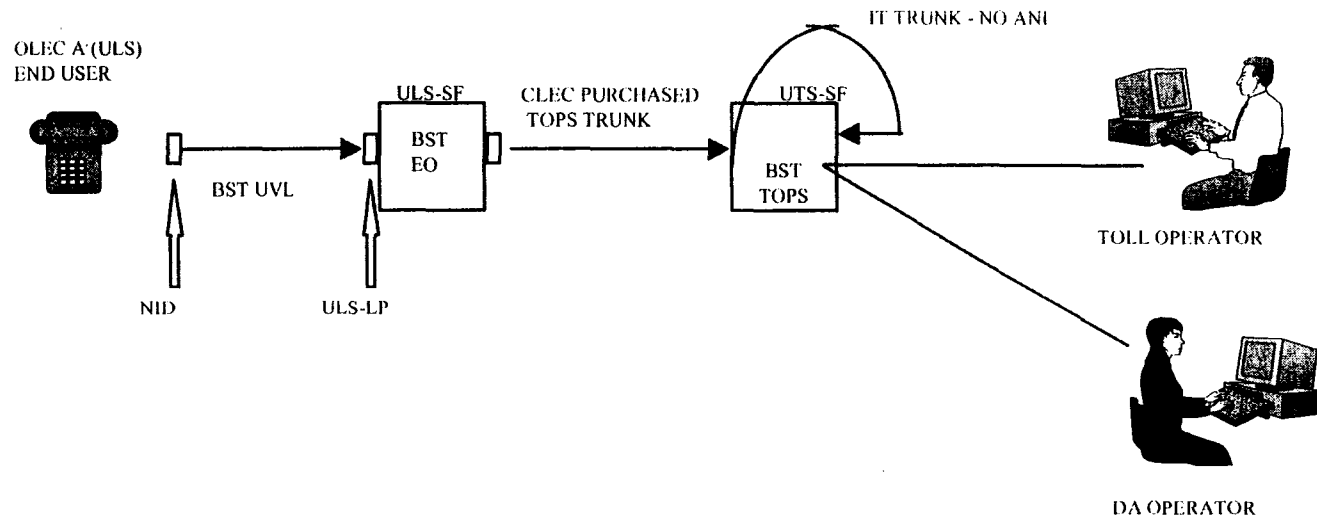   CLEC-A so that CLEC A can
   bill the IXC

**Demarcation Point between UNE
Network and IXC Network**
Access Tandem Switch

* indicates demarcation between UNE
Network and other Networks

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O10. ZERO PLUS - DIRECTORY ASSISTANCE - CLEC BRAND

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 192 made at the TOPS
(module 052) (use elapsed time)
-- Call Code 195 from TOPS is
   discarded
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits)

0+ 411 or Home NPA 555

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching -
   originating, summarized at originating EO A)
-- UTS-SF (Unbundled tandem switching full)
-- DA charges/credits (CC 192)
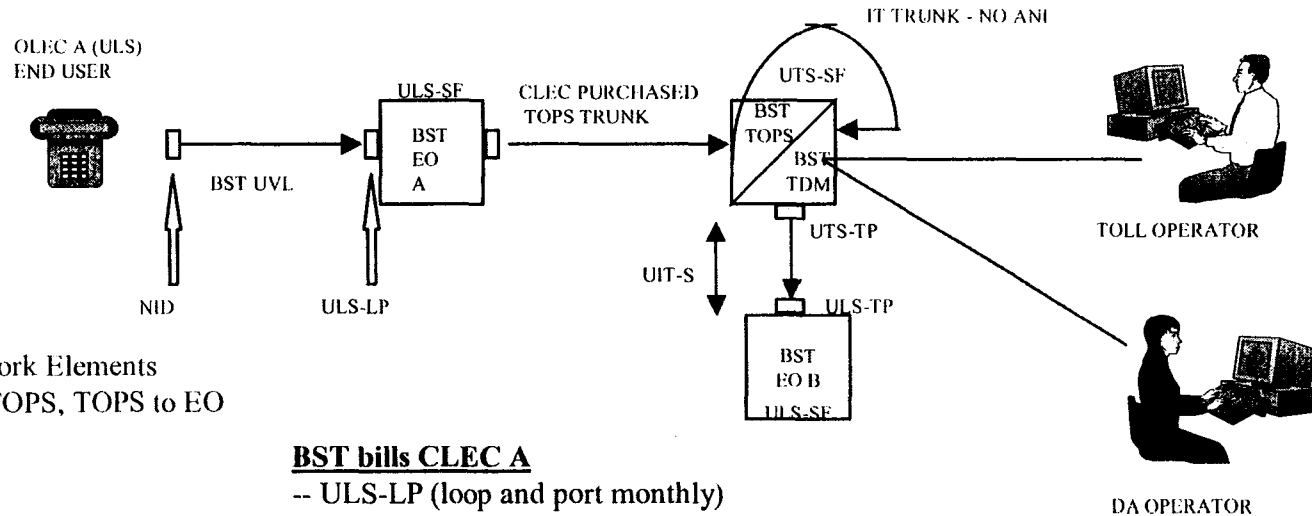
Billing Factors
-- NA
Record Exchange
BellSouth sends CLEC A
ODUF 10-01-32

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O10A. ZERO PLUS - DIRECTORY ASSISTANCE with DACC
- CLEC BRAND

Billing Concept
-- Unbundled Network Elements
(2 calls: UNE to TOPS, TOPS to EO B)

Usage Recordings
-- Call Code 192 made at the TOPS (module 052) actual terminating TN for DACC in this recording
-- Call Code 195 from TOPS is discarded
-- Call code 192 from TOPS with terminating number of 411 or 555-1212 (module 51)
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits)

0+ 411 or Home NPA 555

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching - originating, summarized at originating EO A) (CC192/terminating TN 555-1212 or 411)
-- UTS-SF (unbundled tandem switching full)
Rate elements below based on CC192 with actual terminating TN
-- 1 UIT-S (unbundled transport, fixed, mileage calculated from TOPS to EO B) (CC192)
-- 1 ULS-SFs (unbundled switching - terminating) (CC192)
-- 1 ULS-TP (end office trunk port) (CC192)
-- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
-- DA charges/credits (CC 192)

Billing Factors
-- NA

Record Exchange
BellSouth sends CLEC A
ODUF 10-01-32 (DA Record)
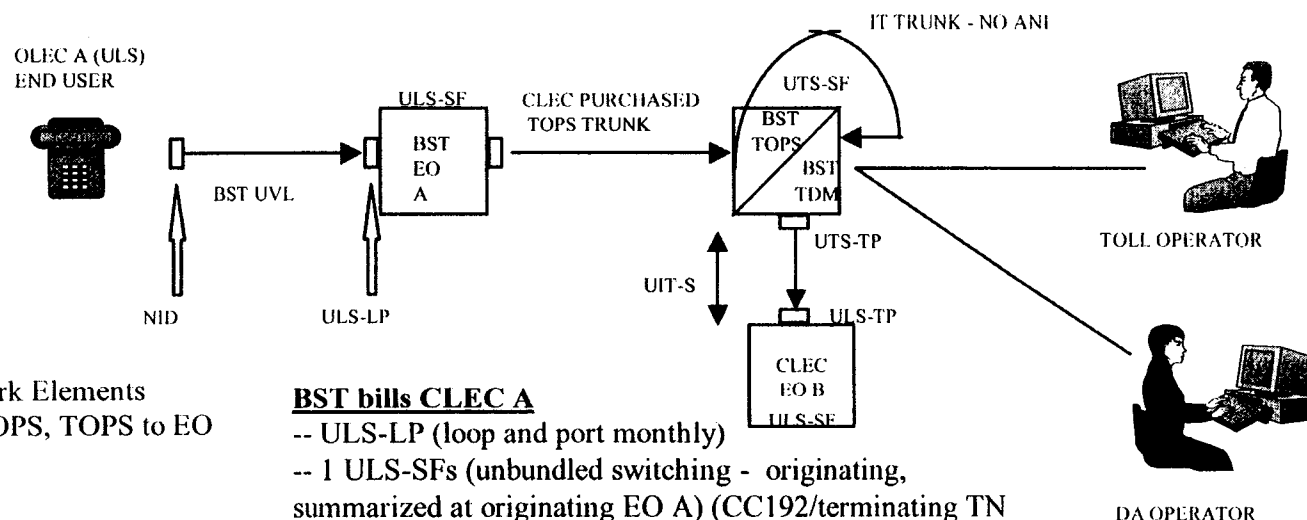ODUF 10-01-18 (DACC Record)
ODUF 10-01-01 (completed call)

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O10AA. ZERO PLUS - DIRECTORY ASSISTANCE with DACC to CLEC
- CLEC BRAND

Billing Concept
-- Unbundled Network Elements
(2 calls: UNE to TOPS, TOPS to EO
B)

Usage Recordings
-- Call Code 192 made at the TOPS
(module 052) actual terminating TN for
DACC in this recording
-- Call Code 195 from TOPS is
discarded
-- Call code 192 from TOPS with
terminating number of 411 or 555-1212
(module 51)
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits)

0+ 411 or Home NPA 555

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BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching - originating,
summarized at originating EO A) (CC192/terminating TN
555-1212 or 411)
-- UTS-SF (unbundled tandem switching)
Rate elements below based on CC192 with actual
terminating TN
-- 1 UIT-S (unbundled transport, fixed, mileage calculated
from TOPS to EO B) (CC192)
-- 1 ULS-SFs (unbundled switching - terminating) (CC192)
-- 1 ULS-TP (end office trunk port) (CC192)
-- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
-- DA charges/credits (CC 192)

FB CLEC may bill BST
Reciprocal Compensation per agreement
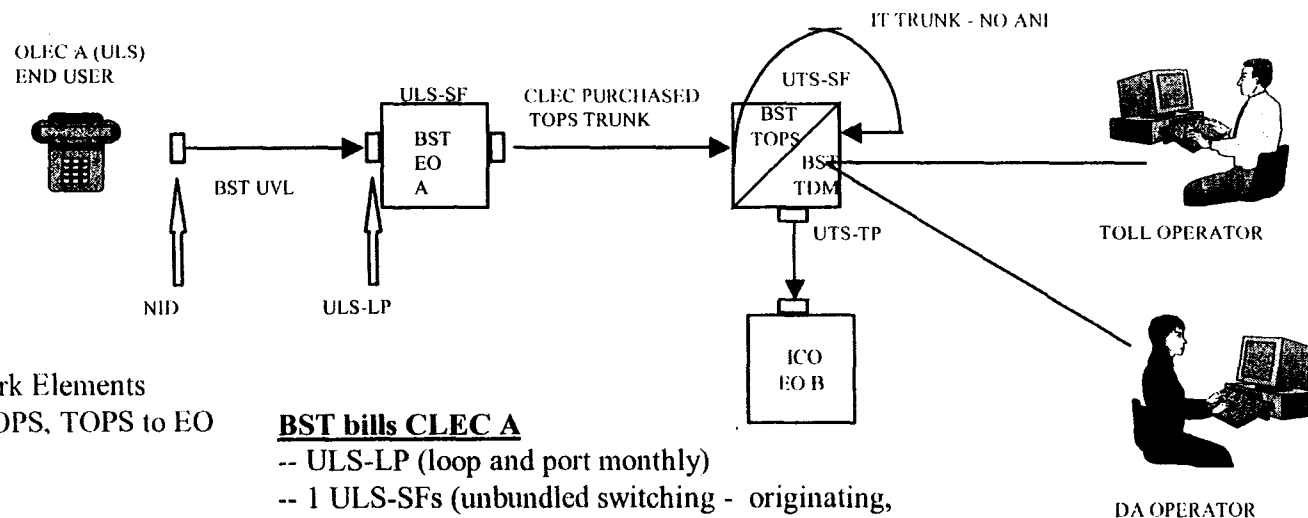
Billing Factors
-- NA
Record Exchange
BellSouth sends CLEC A
ODUF 10-01-32 (DA Record)
ODUF 10-01-18 (DACC Record)
ODUF 10-01-01 (completed call)

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O10AB. ZERO PLUS - DIRECTORY ASSISTANCE with DACC
to ICO - CLEC BRAND

Billing Concept
-- Unbundled Network Elements
(2 calls: UNE to TOPS, TOPS to EO B)

Usage Recordings
-- Call Code 192 made at the TOPS (module 052) actual terminating TN for DACC in this recording
-- Call Code 195 from TOPS is discarded
-- Call code 192 from TOPS with terminating number of 411 or 555-1212 (module 51)
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits

0+ 411 or Home NPA 555

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching - originating, summarized at originating EO A) (CC192/terminating TN 555-1212 or 411)
-- 1 UTS-SF (unbundled tandem switching)
Rate elements below based on CC192 with actual terminating TN
-- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
-- DA charges/credits (CC 192)

BST/ICO
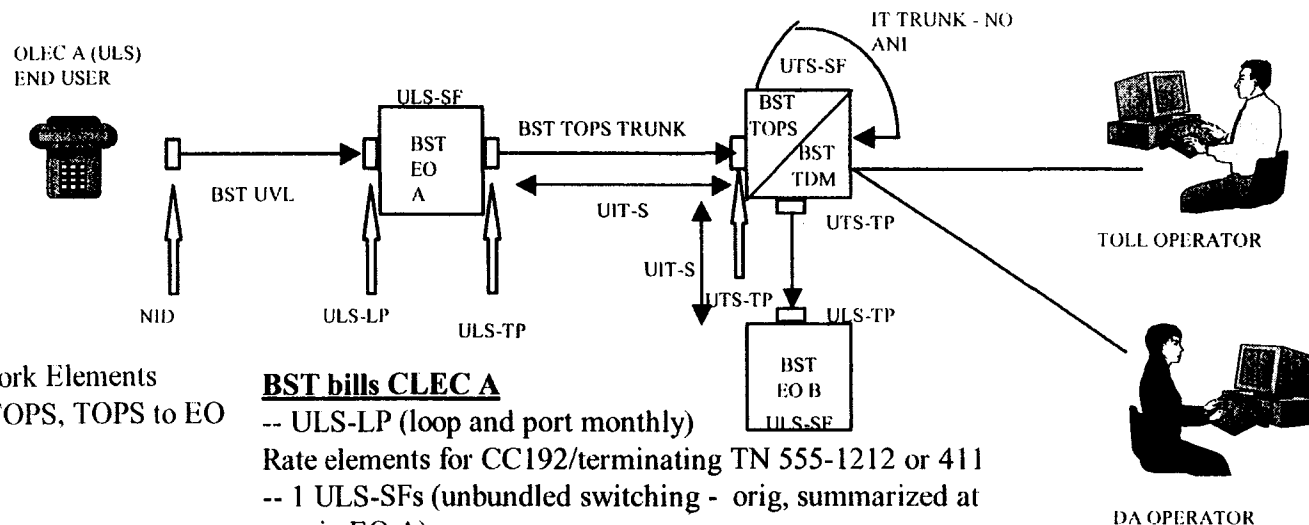Local is bill & keep (no settlement)

Billing Factors
-- NA
Record Exchange
BellSouth sends CLEC A
ODUF 10-01-32 (DA Record)
ODUF 10-01-18 (DACC Record)
ODUF 10-01-01 (completed call)

7/15/02

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
O10B. ZERO PLUS - DIRECTORY ASSISTANCE with DACC
- BST BRAND OR UNBRANDED

Billing Concept
-- Unbundled Network Elements
(2 calls: UNE to TOPS, TOPS to EO B)

Usage Recordings
-- Call Code 192 made at the TOPS (module 052) actual terminating TN for DACC in this recording
-- Call Code 195 from TOPS is discarded
-- Call code 192 from TOPS with terminating number of 411 or 555-1212 (module 51)
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits)

0+ 411 or Home NPA 555
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BST bills CLEC A
-- ULS-LP (loop and port monthly)
Rate elements for CC192/terminating TN 555-1212 or 411
-- 1 ULS-SFs (unbundled switching - orig, summarized at orig EO A)
-- 1 ULS-TP (end office trunk port)
-- UIT-S (unbundled transport, fixed, mileage calculated from EO A to TOPS)
-- UTS-SF (unbundled tandem switching full)
-- 1 UTS-TP (tandem office trunk ports-full)
Rate elements below based on CC192 with actual term TN
-- 1 UIT-S (unbundled transport, fixed, mileage calculated from TOPS to EO B) (CC192)
-- 1 ULS-SFs (unbundled switching - terminating) (CC192)
-- 1 ULS-TP (end office trunk port) (CC192)
-- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
-- DA charges/credits (CC 192)

Billing Factors
-- NA

Record Exchange
BellSouth sends CLEC A
ODUF 10-01-32 (DA Record)
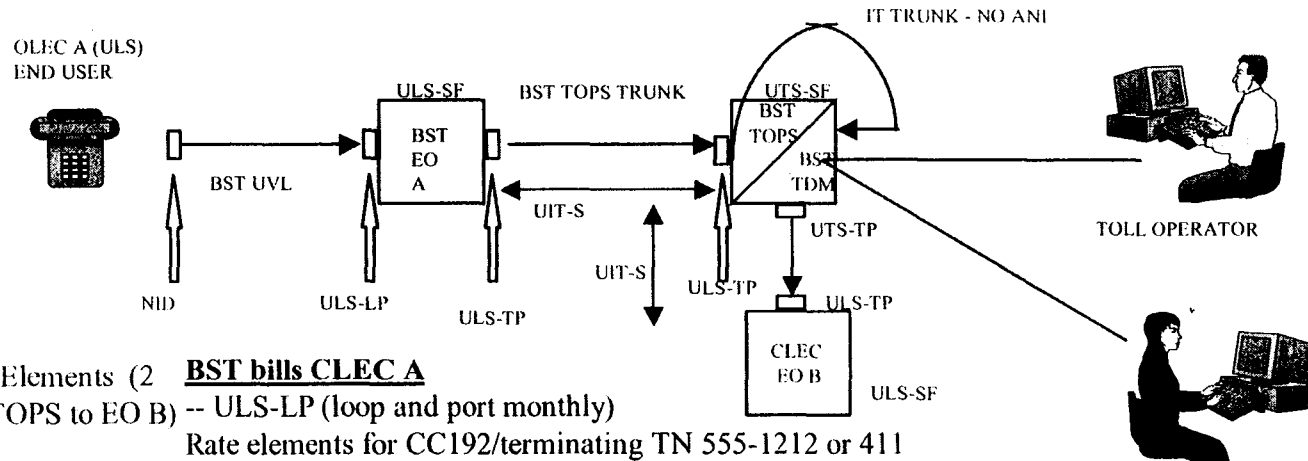ODUF 10-01-18 (DACC Record)
ODUF 10-01-01 (completed call)

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS O10BA. ZERO PLUS - DIRECTORY ASSISTANCE with DACC to CLEC - BST BRAND OR UNBRANDED

IT TRUNK - NO ANI

OLEC A (ULS)
END USER

ULS-SF   BST TOPS TRUNK   UTS-SF
                                    BST
BST   TOPS
EO   BST
A   TDM
BST UVL   UIT-S
                                    UTS-TP   TOLL OPERATOR

NID   ULS-LP   ULS-TP
                ULS-TP   UIT-S ULS-TP   ULS-TP
                                 CLEC
                                 EO B
                                        ULS-SF

Billing Concept
-- Unbundled Network Elements (2 calls: UNE to TOPS, TOPS to EO B)

Usage Recordings
-- Call Code 192 made at the TOPS (module 052) actual terminating TN for DACC in this recording
-- Call Code 195 from TOPS is discarded
-- Call code 192 from TOPS with terminating number of 411 or 555-1212 (module 51)
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits)

0+ 411 or Home NPA 555

BST bills CLEC A
-- ULS-LP (loop and port monthly)
Rate elements for CC192/terminating TN 555-1212 or 411
-- 1 ULS-SFs (unbundled switching - orig, summarized at orig EO A)
-- 1 ULS-TP (end office trunk port)
-- UIT-S (unbundled transport, fixed, mileage calculated from EO A to TOPS)
-- 1 UTS-SF (Unbundled full tandem switching)
-- 1 UTS-TP (tandem office trunk ports-full)
Rate elements below based on CC192 with actual term. TN
-- 1 UIT-S (unbundled transport, fixed, mileage calculated from TOPS to EO B) (CC192)
-- 1 ULS-SFs (unbundled switching - terminating) (CC192)
-- 1 ULS-TP (end office trunk port) (CC192)
-- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
-- DA charges/credits (CC 192)

DA OPERATOR

Billing Factors
-- NA

Record Exchange
BellSouth sends CLEC A
ODUF 10-01-32 (DA Record)
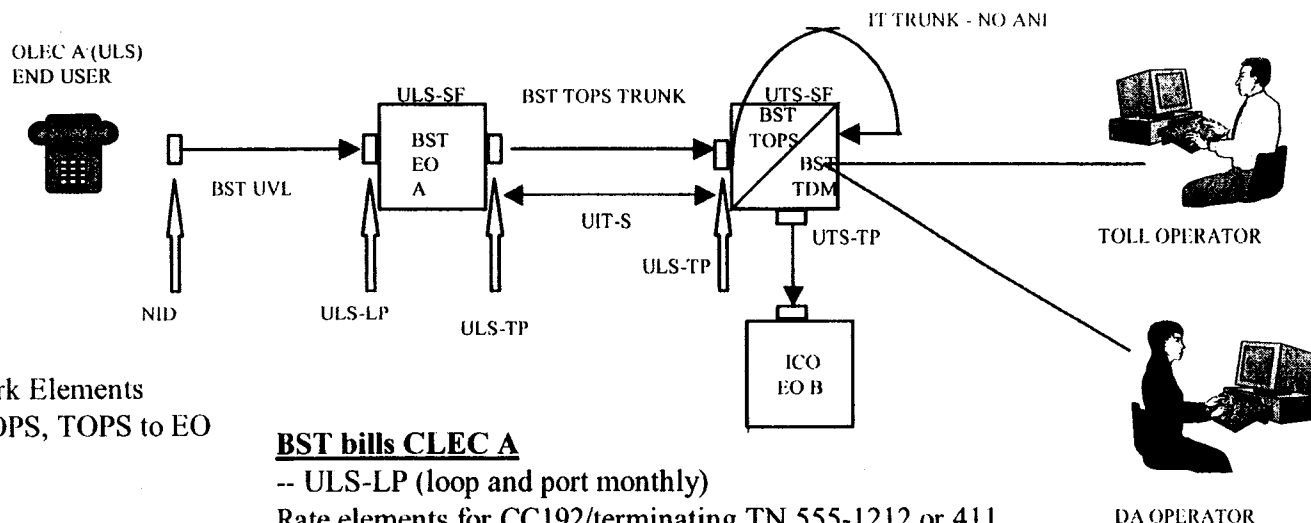ODUF 10-01-18 (DACC Record)
ODUF 10-01-01 (completed call)

FB CLEC may bill BST
Reciprocal Compensation per agreement

7/15/02

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS O10BB. ZERO PLUS - DIRECTORY ASSISTANCE with DACC to ICO - BST BRAND OR UNBRANDED

Billing Concept
-- Unbundled Network Elements
(2 calls: UNE to TOPS, TOPS to EO B)

Usage Recordings
-- Call Code 192 made at the TOPS (module 052) actual terminating TN for DACC in this recording
-- Call Code 195 from TOPS is discarded
-- Call code 192 from TOPS with terminating number of 411 or 555-1212 (module 51)
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits)

0+ 411 or Home NPA 555

BST bills CLEC A
-- ULS-LP (loop and port monthly)
Rate elements for CC192/terminating TN 555-1212 or 411
-- 1 ULS-SFs (unbundled switching - orig, summarized at orig EO A)
-- 1 ULS-TP (end office trunk port)
-- UIT-S (unbundled transport, fixed, mileage calculated from EO A to TOPS)
-- 1 UTS-SF (Unbundled full tandem switching)
-- 1 UTS-TP (tandem office trunk ports-full)
Rate elements below based on CC192 with actual term TN
-- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
-- DA charges/credits (CC 192)

Billing Factors
-- NA
Record Exchange
BellSouth sends CLEC A
ODUF 10-01-32 (DA Record)
ODUF 10-01-18 (DACC Record)
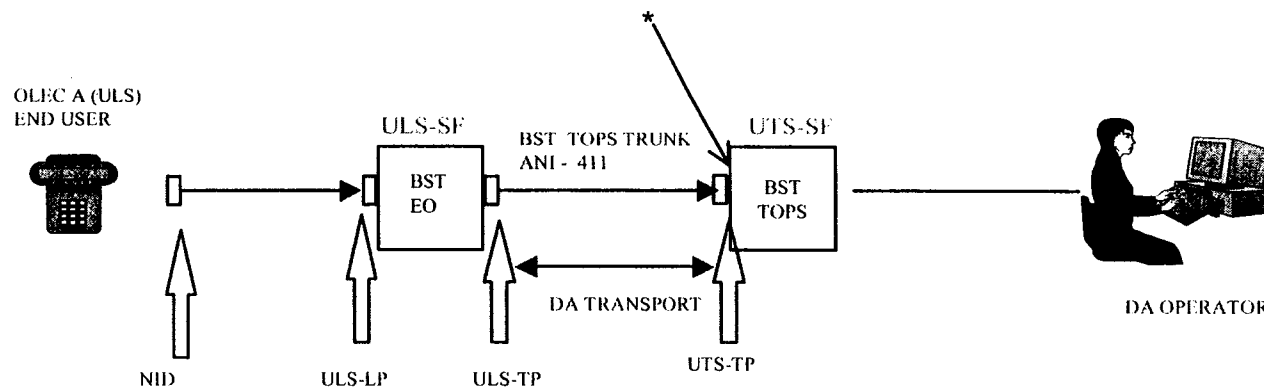ODUF 10-01-01 (completed call)

BST/ICO
Local is bill & keep (no settlement)

7/15/02

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
D1. DIRECTORY ASSISTANCE - BST BRAND, UNBRANDED
Note: these call flows depict only the UNE usage elements to be billed not the specific DA charges

Billing Concept
-- Unbundled Network Elements
Note: all DA calls are considered local

Usage Recordings
-- Call Code 194 is made at the TOPS
(note: BST branded and unbranded
use different BST TOPS trunk facilities
Unbranded contains all unbranded CLECs)
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits)

    End User dials:
        Eastern States - 411
        Western States - 1+411
        or Home NPA 555
    Call is not completed
        7/15/02

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching -
    originating, summarized at originating EO)
- 1 ULS-TPs (end office trunk ports)
-- UIT-S (unbundled transport, fixed,
    mileage calculated from EO to TOPS)
-- UTS-SF (unbundled tandem switching full)
-- 1 UTS-TP (unbundled full tandem trunk port)
-- DA charges/credits (CC 192)

* indicates demarcation between UNE
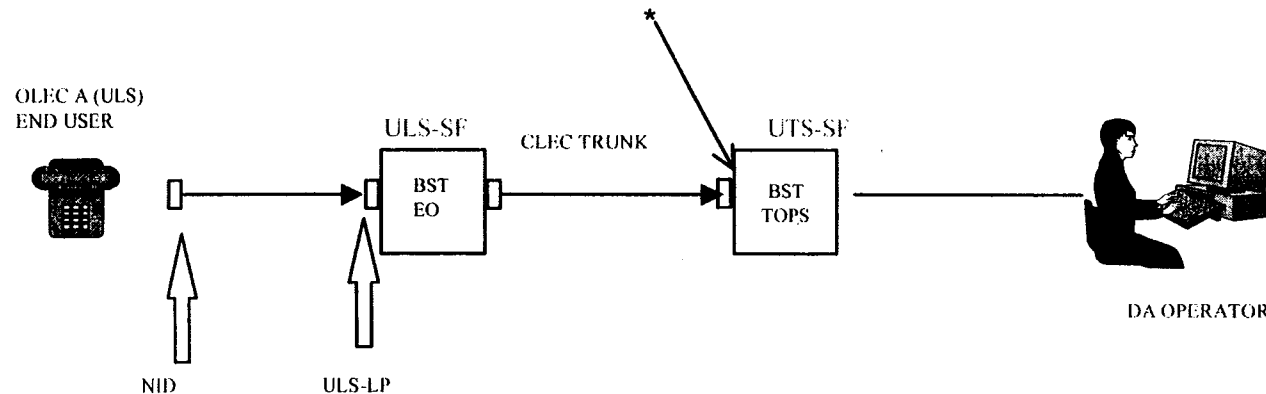 Network and other Networks

Billing Factors
-- NA

Record Exchange
BellSouth sends CLEC A
ODUF 10-01-32

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
D2. DIRECTORY ASSISTANCE - CLEC BRANDED
Note: these call flows depict only the UNE usage elements to be billed not the specific DA charges

Billing Concept
-- Unbundled Network Elements
Note: all DA calls are considered local

Usage Recordings
-- Call Code 194 is made at the TOPS
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits)

End User dials:
    Eastern States - 411
    Western States - 1+411
    or Home NPA 555
Call is not completed

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching -
    originating, summarized at originating EO
-- UTS-SF (unbundled tandem switching full)
-- DA charges/credits (CC 192)

* indicates demarcation between UNE
  Network and other Networks
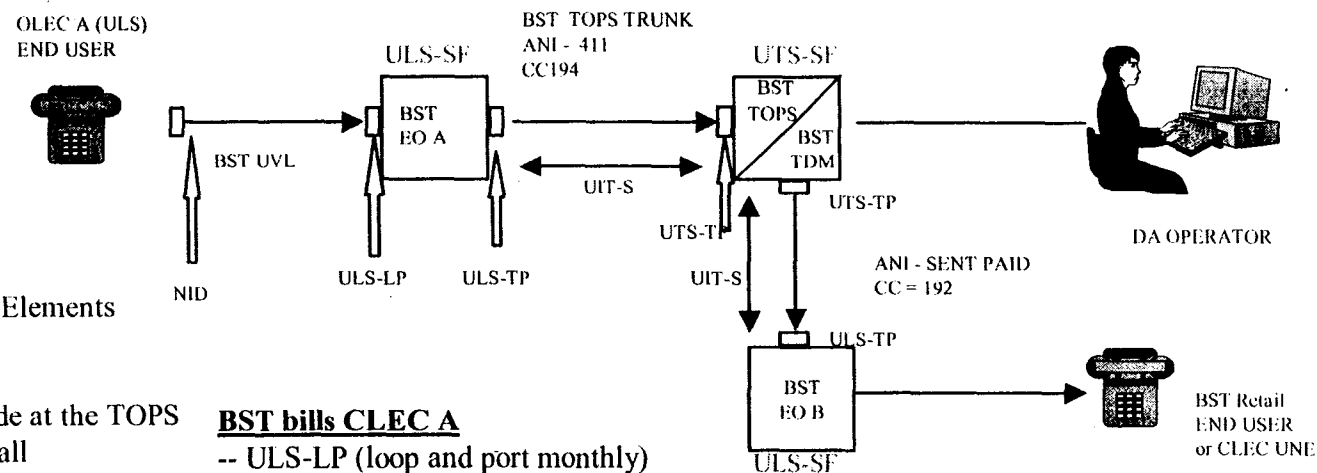
Billing Factors
-- NA

Record Exchange
BellSouth sends CLEC A
ODUF 10-01-32

7/15/02

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS

D3. DIRECTORY ASSISTANCE With CALL COMPLETION
WITHIN the LATA - BST BRAND or UNBRANDED

Note: these call flows depict only the UNE usage elements to be billed not the specific DA charges

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 194 is made at the TOPS
for DA portion of the call
  TOPS functions like a tandem. Assume
  CC194 contains operator work time
-- Call Code 192 is made at the TOPS
for DACC portion of the call
  Assume CC192 contains call time.
-- Call Code 189 (non-billable)
-- Call Code 192 (DA
  charges/credits)

End User dials: home NPA 555 or
          East - 411
          West - 1+411
Call Completion subsequent to DA
or Call Completion is busy or no answer

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching - originating) (CC194)
-- 1 ULS-TPs (end office trunk port) (CC194)
-- UIT-S (unbundled transport, fixed, mileage calculated
    from EOA to TOPS) (CC194)
-- UTS-SF (unbundled full tandem switching) (CC194)
-- 1 UTS-TPs (tandem office trunk ports - full) (CC194)
-- 1 UIT-S (unbundled transport, fixed, mileage calculated
    from TOPS to EO B) (CC192)
-- 1 ULS-SFs (unbundled switching - terminating) (CC192)
-- 1 ULS-TP (end office trunk port) (CC192)
-- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
-- DA charges/credits (CC 192)

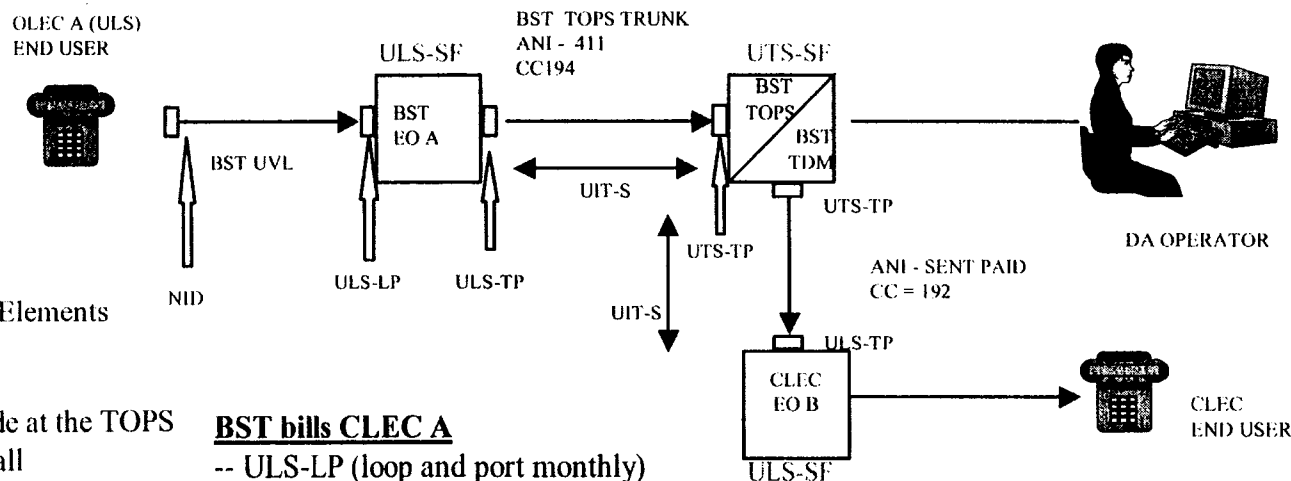## Billing Factors
-- NA

Record Exchange
BellSouth sends CLEC A
ODUF 10-01-32 (DA Record)
ODUF 10-01-18 (DACC Record)
ODUF 10-01-01 (completed call)

7/15/02

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
D3A. DIRECTORY ASSISTANCE With CALL COMPLETION to CLEC
WITHIN the LATA - BST BRAND or UNBRANDED
Note: these call flows depict only the UNE usage elements to be billed not the specific DA charges

Billing Concept

-- Unbundled Network Elements

Usage Recordings

-- Call Code 194 is made at the TOPS
for DA portion of the call
  TOPS functions like a tandem. Assume
  CC194 contains operator work time
-- Call Code 192 is made at the TOPS
for DACC portion of the call
  Assume CC192 contains call time.
-- Call Code 189 (non-billable)
-- Call Code 192 (DA
  charges/credits)

End User dials: home NPA 555 or
          East - 411
          West - 1+411
Call Completion subsequent to DA
or Call Completion is busy or no answer

BST bills CLEC A

-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching - originating) (CC194)
-- 1 ULS-TPs (end office trunk port) (CC194)
-- UIT-S (unbundled transport, fixed, mileage calculated
  from EOA to TOPS) (CC194)
-- UTS-SF (unbundled full tandem switching) (CC194)
-- 1 UTS-TPs (tandem office trunk ports - full) (CC194)
-- 1 UIT-S (unbundled transport, fixed, mileage calculated
  from TOPS to EO B) (CC192)
-- 1 ULS-SFs (unbundled switching - terminating) (CC192)
-- 1 ULS-TP (end office trunk port) (CC192)
-- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
-- DA charges/credits (CC 192)

Billing Factors

-- NA

Record Exchange

BellSouth sends CLEC A
ODUF 10-01-32 (DA Record)
ODUF 10-01-18 (DACC Record)
ODUF 10-01-01 (completed call)

FB CLEC may bill BST

Reciprocal Compensation per agreement

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
D3B. DIRECTORY ASSISTANCE With CALL COMPLETION to ICO
WITHIN the LATA - BST BRAND or UNBRANDED

Note: these call flows depict only the UNE usage elements to be billed not the specific DA charges

Billing Concept
-- Unbundled Network Elements

Usage Recordings
-- Call Code 194 is made at the TOPS for DA portion of the call
  TOPS functions like a tandem. Assume CC194 contains operator work time
-- Call Code 192 is made at the TOPS for DACC portion of the call
  Assume CC192 contains call time.
-- Call Code 189 (non-billable)
-- Call Code 192 (DA charges/credits)

End User dials: home NPA 555 or
        East - 411
        West - 1+411
Call Completion subsequent to DA
or Call Completion is busy or no answer

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching - originating) (CC194)
-- 1 ULS-TPs (end office trunk port) (CC194)
-- UIT-S (unbundled transport, fixed, mileage calculated from EOA to TOPS) (CC194)
-- UTS-SF (unbundled full tandem switching) (CC194)
-- 1 UTS-TPs (tandem office trunk ports - full) (CC194)
-- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
-- DA charges/credits (CC 192)

Billing Factors
-- NA

Record Exchange
BellSouth sends CLEC A
ODUF 10-01-32 (DA Record)
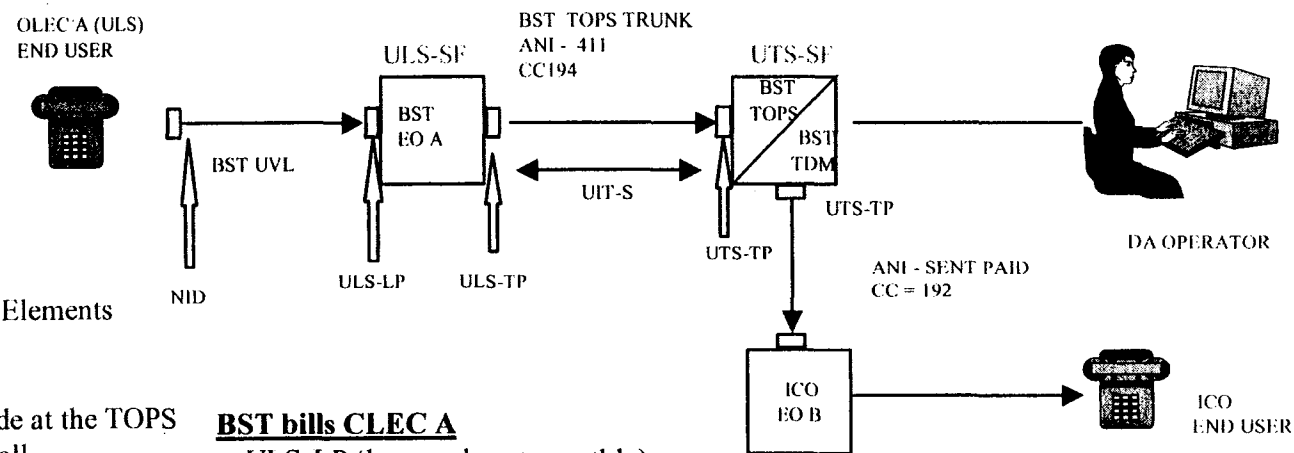ODUF 10-01-18 (DACC Record)
ODUF 10-01-01 (completed call)

BST/ICO
Local is bill & keep (no settlement)

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
D4. DIRECTORY ASSISTANCE With CALL COMPLETION - WITHIN the LATA - CLEC BRANDED

Note: these call flows depict only the UNE usage elements to be billed not the specific DA charges

Billing Concept
-- Unbundled Network Elements
Usage Recordings
-- Call Code 194 is made at the TOPS
   TOPS functions like a tandem Assume
   CC194 contains operator work time
-- Call Code 192 is made at the TOPS
   Assume CC192 contains call time.
-- Call Code 189
-- Call Code 192 (DA
   charges/credits)

End User dials: home NPA 555 or
              East - 411
              West - 1+411
Call Completion subsequent to DA
or Call Completion is busy or no answer

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching - originating) (CC194)
-- UTS-SF (unbundled full tandem switching) (CC194)
-- 1 UIT-S (unbundled transport, fixed, mileage calculated
   from TOPS to EO B) (CC192)
-- 1 ULS-SFs (unbundled switching - terminating) (CC192)
-- 1 ULS-TP (end office trunk port) (CC192)
-- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
-- DA charges/credits (CC 192)

Billing Factors
-- NA

Record Exchange
BellSouth sends CLEC A
ODUF 10-01-32 (DA Record)
ODUF 10-01-18 (DACC Record)
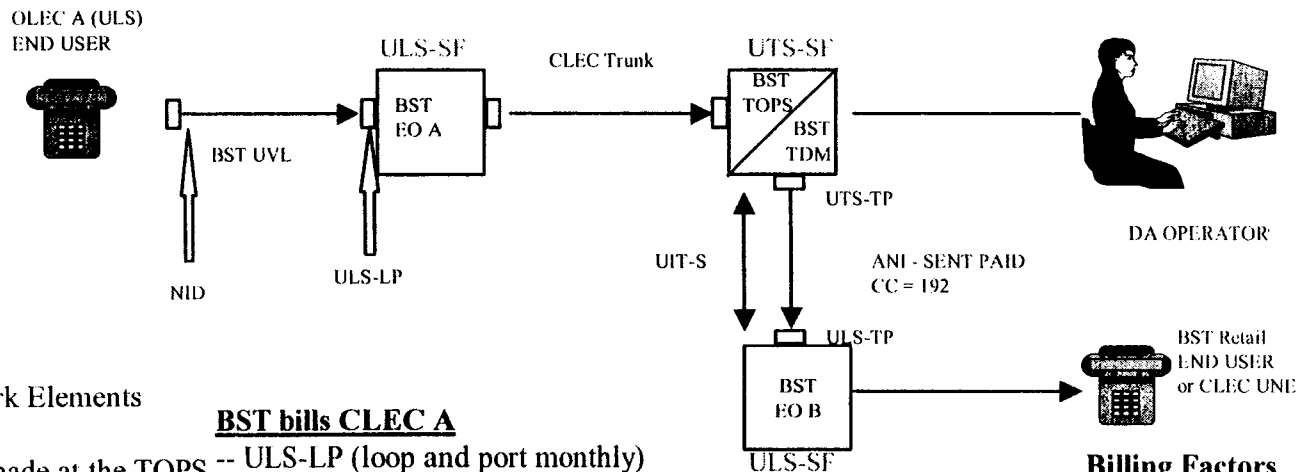ODUF 10-01-01 (completed call)

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UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
D4A. DIRECTORY ASSISTANCE With CALL COMPLETION to CLEC - WITHIN the LATA - CLEC BRANDED

Note: these call flows depict only the UNE usage elements to be billed not the specific DA charges

OLEC A (ULS)
END USER

ULS-SF   CLEC Trunk   UTS-SF

BST
EO A

BST
TOPS
BST
TDM

BST UVL

UTS-TP

DA OPERATOR

UIT-S   ANI - SENT PAID
CC = 192

ULS-LP

NID

ULS-TP   CLEC
END USER

CLEC
EO B

Billing Concept
-- Unbundled Network Elements
Usage Recordings
-- Call Code 194 is made at the TOPS
   TOPS functions like a tandem Assume
   CC194 contains operator work time
-- Call Code 192 is made at the TOPS
Assume CC192 contains call time.
-- Call Code 189 (non-billable)
-- Call Code 192 (DA
   charges/credits)

End User dials: home NPA 555 or
            East - 411
            West - 1+411
Call Completion subsequent to DA
or Call Completion is busy or no answer

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching - originating) (CC194)
-- UTS-SF (unbundled full tandem switching) (CC194)
-- 1 UIT-S (unbundled transport, fixed, mileage calculated
   from TOPS to EO B) (CC192)
-- 1 ULS-SFs (unbundled switching - terminating) (CC192)
-- 1 ULS-TP (end office trunk port) (CC192)
-- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
-- DA charges/credits (CC 192)
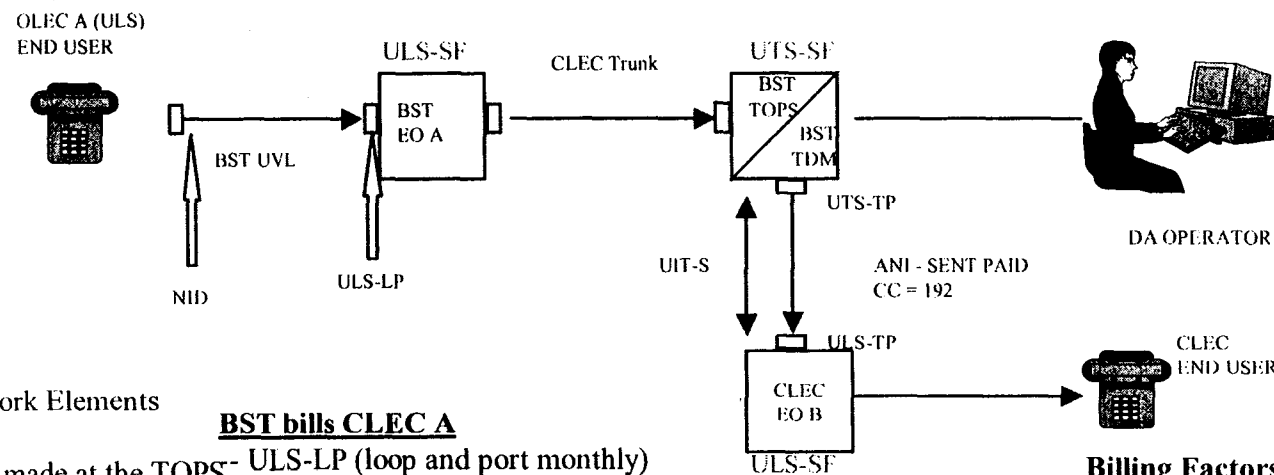
ULS-SF

Billing Factors
-- NA

Record Exchange
BellSouth sends CLEC A
ODUF 10-01-32 (DA Record)
ODUF 10-01-18 (DACC Record)
ODUF 10-01-01 (completed call)

FB CLEC may bill BST
Reciprocal Compensation per agreement

UNE PORT/LOOP SWITCHED COMBINATION BILLING ARRANGEMENTS
D4B. DIRECTORY ASSISTANCE With CALL COMPLETION to ICO - WITHIN the LATA - CLEC BRANDED

Note: these call flows depict only the UNE usage elements to be billed not the specific DA charges

OLEC A (ULS)
END USER

ULS-SF

CLEC Trunk

UTS-SF

BST TOPS

BST EO A

BST TDM

BST UVL

UTS-TP

NID

ULS-LP

DA OPERATOR

ANI - SENT PAID
CC = 192

ICO
EO B

ICO
END USER

Billing Concept
-- Unbundled Network Elements
Usage Recordings
-- Call Code 194 is made at the TOPS
  TOPS functions like a tandem Assume
  CC194 contains operator work time
-- Call Code 192 is made at the TOPS
Assume CC192 contains call time.
-- Call Code 189 (non-billable)
-- Call Code 192 (DA
  charges/credits)

End User dials: home NPA 555 or
              East - 411
              West - 1+411
Call Completion subsequent to DA
or Call Completion is busy or no answer

BST bills CLEC A
-- ULS-LP (loop and port monthly)
-- 1 ULS-SFs (unbundled switching - originating) (CC194)
-- UTS-SF (unbundled full tandem switching) (CC194)
-- 1 UTS-TPs (tandem office trunk ports - full) (CC192)
-- DA charges/credits (CC 192)

BST/ICO
Local is bill & keep (no settlement)

Billing Factors
-- NA

Record Exchange
BellSouth sends CLEC A
ODUF 10-01-32 (DA Record)
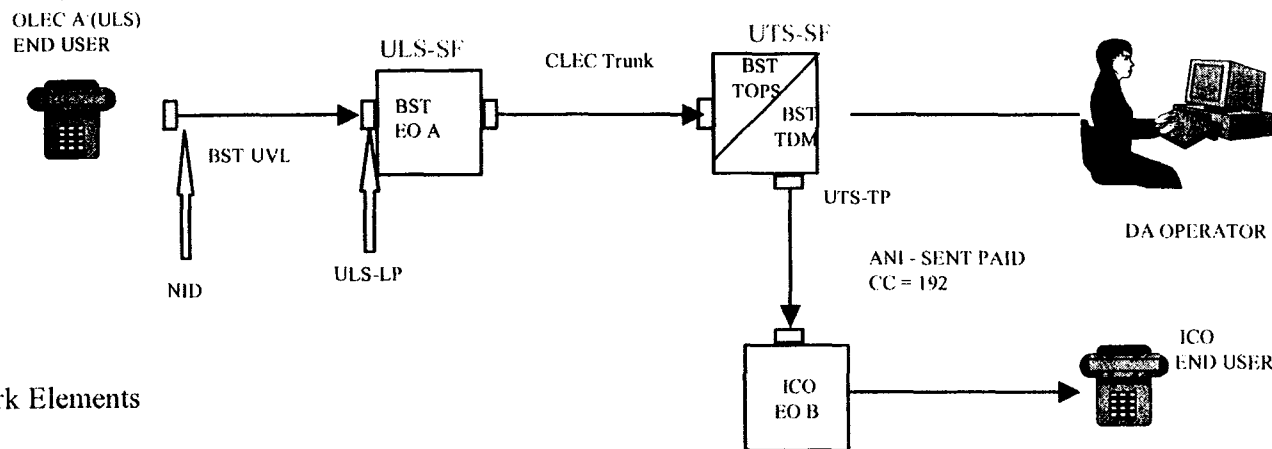ODUF 10-01-18 (DACC Record)
ODUF 10-01-01 (completed call)

7/15/02

PROPOSED UNE BILLING ARRANGEMENTS
Glossary
Revised 10/26/98

ADUF - Access Daily Usage File (general EMI category 11)
BST - BellSouth Telecommunications
BSWC- BellSouth Serving Wire Center
CLEC - Competitive Local Exchange Company
EF - Entrance Facility
FB - Facility Based (FB CLECs include CLECs and non-Section 259 ICOs)
EO - End Office
ICO - Independent Telephone Company (a.k.a. ITC) that are covered by Section 259 of the FCC Order.
MTA- Major Trading Area
NCTA - Non-conversation and Attempt Factors
NID - Network Interface Device
ODUF - CLEC Daily Usage File (primarily contains but not limited EMI category 01, 10, some 11 query records , non access records)
POI - Point of Interface
TDM - Tandem Switching Office
TSP - Tandem Service Provider
Toll Call - Toll calls are carried on the BST IntraLATA network. The switch CIC code will be the BST IntraLATA code 5124.
UVL - Unbundled Voice Loop
ULS-LP - Unbundled Circuit Switching-Line Port*
ULS-SF - Unbundled Circuit Switching - Switching Functionality
UIT-S - Unbundled Interoffice Transport - Shared. UIT-S cannot be dedicated trunks.
UIT-D - Unbundled Interoffice Transport - Direct. UIT-D provides dedicated trunks.
UNE - Unbundled Network Element
UTS -SF - Unbundled Tandem Switching - Switching Functionality
UTS -TP - Unbundled Tandem Switching - Trunk Port

* For simplicity, only ULS-LPs are depicted on these call flow diagrams.
UNEs cannot have Extended Local Calling Area plans so Call Code 006 applies to inter-switch calls. When these are local, this
recording is converted to a Call Code 001.

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PROPOSED UNE BILLING ARRANGEMENTS
Notes

Unbundled Loops can be:
a) 2-wire and 4-wire analog voice grade loops;
b) 2-wire ISDN digital grade loops;
c) 4-wire DS-1 digital grade loops.

Unbundled Ports can be:
a) 2-wire and 4-wire analog line ports;
b) 2-wire ISDN digital line ports;
c) 2-wire analog DID trunk ports;
d) 4-wire DS-1 digital DID trunk ports;
e) 4-wire ISDN DS-1 digital trunk ports.

Bill Verification
Copies of usage records will be held for bill verification when calls come into or leave the BST network.

Factor Calculation
Records will be held for the calculation of PIU and PLU factors when they terminate to another LEC or when calls terminate to a BST RCFed ported number from an IXC.

PROPOSED UNE BILLING ARRANGEMENTS
Notes (continued)

† *Local Toll Exceptions*

† *Records sent to UNE CLECs that subscribe to ODUF will reflect call types as recorded by the originating switch. Calls that are recorded by the switch as Local, that remain within the originating LATA, and are carried over the BellSouth network will be sent on ODUF as local records. Calls that are recorded by the originating switch as toll, that remain within the LATA, and are carried on the BellSouth network will be sent on ODUF as toll records. There are three unique aspects involved in the reason BellSouth provides the records as the switch records them:*

† *1. Dialing Parity – All calls can be dialed in parity with BellSouth retail plans. The calls are recorded in the same manner as we do for our retail customers. If the switch records a toll call, ODUF provides the UNE CLEC with a toll record.*

† *2. BellSouth Retail Customers and Resale – When processing calls recorded by BellSouth switches, BellSouth does not necessarily look at type of call to determine if it should be billed local or toll rates **to the end users**. The call is processed by verifying the From and To numbers and determining what is allowed in the tariff for the calling plan of the end user. BellSouth bills its retail customers as mandated in the tariffs.*

† *3. CLEC UNE Calling Plans – BellSouth cannot control how a UNE CLEC bills end users for calls. The UNE CLEC can create its own unique calling plan for local/toll, or mirror the BellSouth calling plans. This is a business decision the UNE CLEC makes, not BellSouth. Therefore, if the UNE CLEC decides to mirror the BellSouth local/toll calling plans, it is up to the UNE CLEC to develop all the systems necessary to process and bill the ODUF calls, as does BellSouth.*

† *In summary, BellSouth must bill retail customers and Resale CLECs according to the calling plan chosen by the end user, and as mandated in the tariffs. UNE CLECs have the flexibility of creating their own unique calling plans or mirroring the BellSouth calling plans. Therefore, BellSouth provides the UNE CLECs with call data, strictly as it is recorded within the BellSouth switches.*

† *UNE and Call Transport and Termination Rates*

† *As long as the UNE rate for local switching is the same as the the Call Transport and Termination Local Switching Rate, whenever an end user of Supra Telecom served by a loop/port combination receives a call from either a BellSouth retail ends user, or an end user served by a resold line or a loop/port combination line, Supra Telecom will not bill BellSouth for Call Transport and Termination, and BellSouth will not bill Supra Telecom for UNE end office switching.*

CALLING NAME DELIVERY (CNAM) DATABASE SERVICES

1.   Definitions

For the purpose of this Attachment, the following terms shall be defined as:

CALLING NAME DELIVERY DATABASE SERVICE (CNAM) - The ability to associate a name with the calling party number, allowing the end user subscriber (to which a call is being terminated) to view the calling party's name before the call is answered. This service also provides Supra Telecom the opportunity to load and store its subscriber names in the BellSouth CNAM SCPs.

CALLING PARTY NUMBER (CPN) - The number of the calling party that is delivered to the terminating switch using common channel signaling system 7 (CCS7) technology, and that is contained in the Initial Address Message (IAM) portion of the CCS7 call setup.

COMMON CHANNEL SIGNALING SYSTEM 7 (CCS7) - A network signaling technology in which all signaling information between two or more nodes is transmitted over high-speed data links, rather than over voice circuits.

SERVICE CONTROL POINTs (SCPs) - The real-time data base systems that contain the names to be provided in response to queries received from CNAM SSPs.

SERVICE MANAGEMENT SYSTEM (SMS) - The main operations support system of CNAM DATABASE SERVICE. CNAM records are loaded into the SMS, which in turn downloads into the CNAM SCP.

SERVICE SWITCHING POINTs (SSPs) - Features of computerized switches in the telephone network that determine that a terminating line has subscribed to CNAM service, and then communicate with CNAM SCPs in order to provide the name associated with the calling party number.

SUBSYSTEM NUMBER (SSN) - The address used in the Signaling Connection Control Part (SCCP) layer of the SS7 protocol to designate an application at an end signaling point. A SSN for CNAM at the end office designates the CNAM application within the end office. BellSouth uses the CNAM SSN of 232.

2.   Attachment

2.1   This Attachment contains the terms and conditions where BellSouth will provide to the Supra Telecom access to the BellSouth CNAM SCP for query or record storage purposes.

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2.2 Supra Telecom shall submit to BellSouth a notice of its intent to access and utilize BellSouth CNAM Database Services pursuant to the terms and conditions of this Attachment. Said notice shall be in writing, no less than 60 days prior to Supra Telecom's access to BellSouth's CNAM Database Services and shall be addressed to Supra Telecom's Account Manager.

3. Physical Connection and Compensation

3.1 BellSouth's provision of CNAM Database Services to Supra Telecom requires interconnection from Supra Telecom to BellSouth CNAM Service Control Points (SCPs). Such interconnections shall be established pursuant to Attachment 3 of this Agreement . The appropriate charge for access to and use of the BellSouth CNAM Database service shall be as set forth in this Attachment.

3.2 In order to formulate a CNAM query to be sent to the BellSouth CNAM SCP, Supra Telecom shall provide its own CNAM SSP. Supra Telecom's CNAM SSPs must be compliant with TR-NWT-001188, "CLASS Calling Name Delivery Generic Requirements".

3.3 If Supra Telecom elects to access the BellSouth CNAM SCP via a third party CCS7 transport provider, the third party CCS7 provider shall interconnect with the BellSouth CCS7 network according to BellSouth's Common Channel Signaling Interconnection Guidelines and Telcordia (formerly BellCore)'s CCS Network Interface Specification document, TR-TSV-000905. In addition, the third party provider shall establish CCS7 interconnection at the BellSouth Local Signal Transfer Points (LSTPs) serving the BellSouth CNAM SCPs that Supra Telecom desires to query.

3.4 Out-Of-Region Customers
If the customer queries the BellSouth CNAM SCP via a third party national SS7 transport provider, the third party SS7 provider shall interconnect with the BellSouth CCS7 network according to BellSouth's Common Channel Signaling Interconnection Guidelines and Telcordia's (formerly BellCore's) CCS Network Interface Specification document, TR-TSV-000905. In addition, the third party provider shall establish SS7 interconnection at one or more of the BellSouth Gateway Signal Transfer Points (STPs). The payment of all costs associated with the transport of SS7 signals via a third party will be established by mutual agreement of the Parties in writing and shall, by this reference become an integral part of this Agreement.

4. CNAM Record Initial Load and Updates

4.1 The mechanism to be used by Supra Telecom for initial CNAM record load and/or updates shall be determined by mutual agreement. The initial load and all updates shall be provided by Supra Telecom in the BellSouth specified format and shall contain

records for every working telephone number that can originate phone calls. It is the responsibility of Supra Telecom to provide accurate information to BellSouth on a current basis.

4.2   Updates to the SMS shall occur no less than once a week, reflect service order activity affecting either name or telephone number, and involve only record additions, deletions or changes.

4.3   Supra Telecom CNAM records provided for storage in the BellSouth CNAM SCP shall be available, on a SCP query basis only, to all Parties querying the BellSouth CNAM SCP. Further, CNAM service shall be provided by each Party consistent with state and/or federal regulation.

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